GIGA-TECH

Composants HF

CI2000

GIGA – TECH EURL

Fon: 0049-6203-44142
Fax: 0049-6203-46362

www.giga-tech.de
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TVA inclue selon legislation en vigueur
Pieces de premier choix !!!!

TRANSISTORS

	1-9	> 10
AC 125	3,40	3,06
AC 126	3,40	3,06
AC 187	3,40	3,06
AC 188	3,40	3,06
AF 106	3,40	3,06
AF 126	3,40	3,06
AF 239	5,00	4,50
AF 239 S	5,00	4,50
AF 279 S	6,80	6,12
AF 379	6,80	6,12
AT 42085	20,00	18,00
AT 41586	9,50	8,55
ATF 10136	44,50	40,05
ATF 10736	35,00	31,50
ATF 13284	30,00	27,00
ATF 13484	28,00	25,20
ATF 21186	33,00	29,70
ATF 26836	129,50	116,55
ATF 26884	26,00	23,40
ATF 36077	44,50	40,05
BC 108 B	1,70	1,53
BC 109 C	1,70	1,53
BC 141-10	2,00	1,80
BC 141-16	2,00	1,80
BC 147 B	1,30	1,17
BC 148 B	1,30	1,17
BC 149 B	1,30	1,17
BC 149 C	1,30	1,17
BC 160-10	2,00	1,80
BC 160-16	1,00	0,90
BC 161-10	0,90	0,81
BC 161-16	1,00	0,90
BC 177 A	1,50	1,35
BC 177 B	1,50	1,35
BC 182 B	0,70	0,63
BC 183 B	0,70	0,63
BC 184 C	0,90	0,81
BC 212 B	0,70	0,63
BC 213 B	0,70	0,63
BC 214 B	0,70	0,63
BC 237 A	0,70	0,63
BC 237 B	0,70	0,63
BC 237 C	0,70	0,63
BC 238 B>	BC548B	
BC 239 C	0,70	0,63
BC 252 C	0,50	0,45
BC 307 A	0,70	0,63
BC 307 B	0,70	0,63
BC 308 B/C	0,70	0,63
BC 309 C	0,70	0,63
BC 327-40	0,40	0,36
BC 337-40	0,40	0,36
BC 415 B	1,30	1,17
BC 416 B	1,30	1,17
BC 517	2,00	1,80
BC 546 A	0,40	0,36
BC 547 B	0,40	0,36

	1-9	> 10
BC 548 B/C	0,40	0,36
BC 549 C	0,40	0,36
BC 556 A	0,40	0,36
BC 557 A/B	0,40	0,36
BC 558 B	0,40	0,36
BC 558 C	0,40	0,36
BC 559 B	0,40	0,36
BC 817-25	0,55	0,50
BC 847 B	0,55	0,50
BC 848	0,40	0,36
BC 850 B	0,75	0,68
BC 857 B	0,55	0.50
BC 858	0,40	0,36
BCW 32 LT	1,50	1,35
BD 135	2,00	1,80
BD 135-16	2,00	1,80
BD 136	2,00	1,80
BD 136-16	2,00	1,80
BD 434	2,20	2,00
BD 675	3,00	2,70
BD 676	3,00	2,70
BD 680	3,70	3,33
BF 167	4,50	4,05
BF 173	3,70	3,33
BF 177	3,70	3,33
BF 199	1,10	0,99
BF 224	1,50	1,35
BF 244 C	5,20	4,68
BF 245 A	3,70	3,33
BF 245 B	3,70	3,33
BF 245 C	3,70	3,33
BF 246 C	4,40	3,96
BF 254	1,10	0.99
BF 256 C	3,70	3,33
BF 257	3,70	3,33
BF 258	3,70	3,33
BF 324	1,50	1,35
BF 362	3,70	3,33
BF 423	1,50	1,35
BF 458	3,00	2,70
BF 459	3,30	2,97
BF 469	3,00	2,70
BF 470	3,00	2,70
BF 471	2,60	2,34
BF 606 A	5,50	4,95
BF 959	1,90	1,71
BF 960 ->	BF 961	
BF 961	4,00	3,60
BF 970	5,50	4,95
BF 979	6,00	5,40
BF 980	7,00	6,30
BF 981	6,00	5,40
BF 989 cms	7,00	6,30
BF 998 cms	5,00	4,50

	1-9	> 10
BFG 34	44,00	39,60
BFG 65	18,50	16,65
BFG 90 A	27,80	25,02
BFG 91 A	27,80	25,02
BFG 92A	-> BFG 93 A	
BFG 93A cms	7,50	6,75
BFG 135A cms	15,-	13,50
BFG 195	18,50	16,65
BFG 196 cms	15,00	13,50
BFG 198 cms	13,00	11,70
BFG 520 cms	9,30	8,37
BGF 540 cms	11,00	9,90
BFP 183 cms	5,20	4,68
BFP 405 cms	7,50	6,75
BFP 420 cms	7,50	6,75
BFP 450 cms	7,80	7,02
BFQ 19S cms	11,00	9,90
BFQ 23	11,80	10,62
BFQ 34	111,00	99,90
BFQ 69	18,50	16,65
BFQ 70	37,00	33,30
BFQ 74	44,00	39,60
BFR 90	5,50	4,95
BFR 90 A	5,50	4,95
BFR 91	5,50	4,95
BFR 91 A	5,50	4,95
BFR 92A cms	5,90	5,31
BFR 93A cms	3,70	3,33
BFR 96	9,30	8,37
BFR 96 S	11,00	9,90
BFT 92 cms	4,50	4,05
BFT 93 cms	5,50	4,95
BFW 16a	16,70	15,03
BFW 92	4,40	3,96
BFX 89	7,00	6,30
BFY 90	9,00	8,10
BS 170	3,50	3,15
BSS138 cms	7,40	6,66
BUZ 171	11,00	9,90
CF 300 B	37,00	33,30
CF 300 C	44,00	39,60
CF930C cms	14,80	13,32
CFY 17	55,00	49,50
CFY 18-20	70,00	63,00
CFY 30	25,00	22,50
CLY 2	33,00	29,70
CLY 5	74,00	66,60
CLY 10	80,00	72,00
CLY 15	107,00	96,30
J 310	4,00	3,60
MAT03	44,00	

	1-9	> 10
MGF 0904	222,-	
MGF 0905	259,-	
MGF 0906	520,-	
MGF 0907	1050,-	
MGF1302-15	34,-	
MGF1302-650	37,-	
MGF1303-650	41,-	
MGF1502	>MGF1302	
MGF 1601	177,-	
MGF 1801	255,-	
MGF 4916		
MGF 4918		
MMBR 5179	7,40	6,66
MPS 3640	3,50	3,33
MRF150 TMOS	592,00	
MRF151G TMOS	1570,00	
MRF 237	44,50	40,05
MRF 245	325,00	
MRF 450A	167,00	
MRF 455	144,00	
MRF 648	351,00	
P 8002	sur demande	
RFD15P05	7,40	6,66
SSM2210	40,00	
SST 310 cms	2,20	1,98
SSM2220	44,00	
U 310	11,00	9,90
2 N 2219A	2,60	2,34
2 N 2222A	2,20	1,98
2 N 2369A	3,00	2,70
2 N 3866	9,60	8,64
2 N 4427	7,40	6,66
2 N 5944	118,50	106,65
2 N 6084	166,00	149,40
40841	7,00	6,30
2N2905	2,00	
2N2907A	2,00	
2N4124	1,00	

REGULATEURS

		1-9	> 10
L 131	15V/600mA	7,00	6,30
L 200	3..32V/2A	9,00	8,10
LM 305H	4,5..30/25mA	9,00	8,10
LM 309H	5V/400mA	7,00	6,30
LM 317T	1,2..40V/1A	3,70	3,33
LM 337K	1,2..37V/1,5A	35,00	31,50
LM 337T	1,2..37V/1,5A	7,00	6,30
LM 723CN	2....37V/150mA	3,00	2,70
TL 317LP	1,2..32V/100mA	6,00	5,40
TL 431		3,00	2,70
TL 497ACN	0..15V/	15,00	13,50
7805	5V/1A	3,00	2,70
7806	6V/1A	3,00	2,70
7808	8V/1A	3,00	2,70
7809	9V/1A	3,50	3,15
7810	10V/1A	3,50	3,15
7812	12V/1A	3,00	2,70
7815	15V/1A	3,00	2,70
7818	18V/1A	3,00	2,70
7824	24V/1A	3,00	2,70
7805KC	5V/1A (TO 3)	10,00	9,00
7812KC	12V/1A (TO 3)	10,00	9,00
7815KC	15V/1A (TO 3)	10,00	9,00
78L05	5V/100mA	3,00	2,70
78L05ACM	cms	3,50	3,15
78L06	6V/100mA	3,00	2,70
78L08	8V/100mA	3,00	2,70
78L09	9V/100mA	3,00	2,70
78L09ACD	cms	3,50	3,15
78L10	10V/100mA	3,00	2,70
78L10CD	cms	3,50	3,15
78L12	12V/100mA	3,00	2,70
78L12ACM	cms	3,50	3,15
78L15	15V/100mA	3,00	2,70
78M05	5V/500mA	3,00	2,70
78S05	5V/ 2 A	6,00	5,40
78S09	9V/ 2 A	6,00	5,40
78S12	12V/ 2 A	6,00	5,40
78S15	15V/ 2 A	6,00	5,40
79L05	-5V/100mA	3,50	3,15
79L12	-12V/100mA	3,50	3,15
79L15	-15V/100mA	3,50	3,15
7905	-5V/1A TO-220	3,50	3,15
7906	-6V/1A "	3,50	3,15
7908	-8V/1A "	3,50	3,15
7912	-12V/1A "	3,50	3,15
7915	-15V/1A "	3,50	3,15
7924	-24V/1A "	3,50	3,15

REGULATEURS - Low Drop

	V	mA	Vin/Vout		
LM 2930-5	5	150	0,6	11,00	9,90
LM 2930-8	8	150	0,6	11,00	9,90
LM 2931 A	5	400	0,4	10,00	9,00
LM 2931AZ-5	5	100	0,16	7,00	6,30
STA 2931	5	150	0,3	5,00	4,50
L 4805C	5	400	0,4	11,00	9,90
L 4810C	10	400	0,4		
L 4812C	12	400	0,4	11,00	9,90
L 4940V-	10	1500	0,5	17,00	15,30
L 4940V-	12	1500	0,5	17,00	15,30
LT 1084	1,2-32	5A		50,00	45,00
LT 1085	1,2-32	3A		42,00	37,80
LT 1086	1,2-32	1,5A		29,00	26,10

C.I.	1-9	> 10
CA 3028	12,00	10,80
CA 3046	3,00	2,70
CA 3053	6,00	5,40
CA 3059	16,00	14,40
CA 3060 E	28,00	25,20
CA 3065	14,00	12,60
CA 3080 E	8,00	7,20
CA 3081	5,00	4,50
CA 3084	10,00	9,00
CA 3085	5,00	4,50
CA 3085 A	10,00	9,00
CA 3086	3,00	2,70
CA 3089 E	7,00	6,30
CA 3090 Q	8,00	7,20
CA 3094	6,00	5,40
CA 3130 E	14,00	12,60
CA 3130 T	7,00	6,30
CA 3140 E	5,50	4,95
CA 3162 E	30,00	27,00
CA 3189 E	7,00	6,30
CGY 50	37,00	33,30
ERA 1	21,00	19,00
ERA 2	22,00	20,00
ERA 3	23,00	20,70
ERA 3-SM	28,00	25,20
ERA 5	37,00	33,30
ERA 6	52,00	46,80
ICL 7650-8	18,50	16,65
ICL 7650-14	18,50	16,65
ICL 7660	11,00	9,90
ICL 7660 cms	11,00	9,90
ICL 8038	27,00	24,30
ICL 8211 CPA	15,00	13,50
ICL 8212 CPA	15,00	13,50
ICM 7107 CPL	24,00	21,60
ICM 7207	66,00	59,40
ICM 7207 A	66,00	59,40
ICM 7209IPA	34,00	30,60
ICM 7211 A	44,00	39,60
ICM 7217 A	88,00	79,20
INA 03184	37,00	33,30
INA 10386	44,00	39,60
LF 351	3,00	2,70
LF 355	6,00	5,40
LF 356N	5,50	4,95
LF 357N	5,50	4,95
LM 301A	5,50	4,95
LM 302H	25,00	22,50
LM 306	55,00	49,50
LM 307	3,70	3,33
LM 308	5,00	4,50
LM 310	13,00	11,70
LM 311 N-8	2,50	2,25
LM 318N	15,00	13,50
LM 324N-14	3,00	2,70
LM 334Z	8,50	7,65
LM 335Z	7,00	6,30

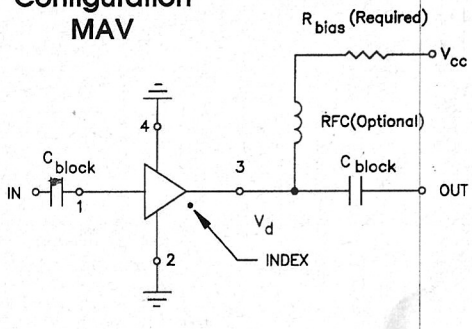
	1-9	> 10
LM 339	2,60	2,34
LM 358 N-8	2,00	1,80
LM 380	7,00	6,30
LM 382	25,00	22,50
LM 386N-1	6,00	5,40
LM 387	13,00	11.70
LM 393N	2,00	1,80
LM 394CH	18,50	16,65
LM 709CN	3,00	2,70
LM 710	3,70	3,33
LM 723	3,00	2,70
LM 733	10,00	9,00
LM 741PC	5,50	4,95
LM 741CN	2,00	1,80
LM 747	2,00	1,80
LM 748	1,80	1,62
LM 1881	46,00	41,40
LM 1886	42,00	37,80
LM 3900	3,00	2,70
LM 3909	7,50	6,75
LM 3911	10,00	9,00
LM 4250 CN	16,50	14,35
LM 6321	37,00	33,30
MAR 1 (MSA 0185)	16,00	14,40
MAR 2 (MSA 0285)	20,00	18,00
MAR 3 (MSA 0385)	20,00	18,00
MAR 4 (MSA 0485)	21,00	19,00
MAR 6 (MSA 0685)	19,00	17,00
MAR 7 (MSA 0785)	27,00	24,30
MAR 8 (MSA 0885)	23,00	21,00
MAV 1 (MSA 0104)	18,00	16,20
MAV 3 (MSA 0304)	18,00	16,20
MAV 4 (MSA 0404)	18,00	16,20
MAV 11 (MSA 1104)	18,00	16,20
MC 1330 AP	19,00	17,10
MC 1350 P	22,00	19,80
MC 1458 P	2,00	1,80
MC 2833 cms	9,00	8,10
MC 3357P	26,50	23,35
MC 3359P	28,00	25,20
MC 3361A	16,00	14,40
MC 3362	24,00	22,00
MC 3363 DW	44,00	39,60
MC 3371 P	18,50	16,65
MC 4044	56,00	50,40
MC 10116P	11,00	9,90
MC 12017	70,00	63,00
MC 12080 cms	45,00	40,50
MC 12095 cms	56,00	50,40
MC 13155 D	20,00	18,00
HC 12179 cms	55,00	50,50

	1-9	> 10
MC 14557	12,00	10,80
MC 14569	15,00	13,50
MC 34119 D	11,00	9,90
MC 145106	66,00	59,40
MC 145151	66,00	59,40
MC 145152	66,00	59,40
MGA 86563	48,00	43,20
MGA 86576	81,00	72,90
MGA 87563	30,00	27,00
NE 555D cms	3,00	2,70
NE 555N	2,00	1,80
NE 556N	4,00	3,60
NE 564N	22,00	19,80
NE 567D cms	12,00	10,80
NE 567N	4,50	4,05
NE 568	29,00	26,10
NE 571	27,00	24,30
NE 592N cms	5,00	4,50
NE 592N-8	6,00	5,40
NE 592N-14	7,00	6,30
NE 612	19,00	17,10
NE 614	37,00	33,30
NE 5205	30,00	27,00
NE 5534N	5,50	4,95
NJ 8820 DP	96,00	86,40
NJ 8821 DP	93,00	83,70
OP 07 CNB	16,00	14,40
OP 27 EP	49,00	
PMB 2306 cms	59,00	53,10
PMB 2312 cms	30,00	27,00
RC 4156 DB	9,00	8,10
RC 4558P	3,00	2,70
SA 626 cms	37,00	33,30
SAA 1043 P	78,00	70,20
SAA 1044 P	74,00	66,60
SDA 3302	37,00	33,30
SL 1451 DP	111,00	
SL 6270 CDP	37,00	33,30
SL 6310 CDP	22,00	19,80
SL 6652 DP	86,00	77,40
SO 42 P	20,00	18,00
SP 4632	32,00	28,80
SP 5060 -->SP5070		
SP 5070 DP	105,00	94,50
SP 8718	78,00	70,20
SP 8719	70,00	63,00
SP 8792DP	70,00	63,00
SP 8799	72,00	64,80
SP 8910 cms	350,00	315,00
TAA 861A	3,70	3,33
TBA 120 S	11,00	9,90
TBA 120 T	11,00	9,90
TBA 221 B	3,70	3,33

	1-9	> 10
TBA 231	3,70	3,33
TCA 345 A	9,00	8,10
TCA 440	10,00	9,00
TCM 3105 N	55,00	49,50
TDA 440	12,00	10,80
TDA 1047	23,00	
TDA 2003	10,00	9,00
TDA 2593	7,00	6,30
TDA 5030	25,00	22,50
TDA 5331	18,00	17,20
TDA 5660 P	26,00	23,40
TDA 7050	13,00	11,70
TDD 1742 T cms	105,00	
TEA 2124	18,00	16,00
TL 072 CP	3,00	2,70
TL 074 CN	5,00	4,50
TL 081	3,50	3,15
TL 082 CP	3,40	3,06
TL 084 CN	4,00	3,60
TL 317	6,00	5,40
TL 431 CP	3,00	2,70
TL 497ACN	16,00	14,40
TLC 271 CP	4,50	4,05
TLC 393 CP	9,00	8,10
TSA 5055	20,00	18,00
U 420 B	7,00	6,30
U 664 B --> U 893 BSE		
~~U 832 BS cms~~	~~45,00~~	~~40,50~~
U 891 BS	18,00	16,20
U 893 BSE	18,50	16,65
U 6024 cms	290,00	261,00
XR 215	40,00	36,00
XR 1310 P	5,00	4,50
XR 2206 CP	28,00	25,20
XR 2207 CP	20,00	18,00
XR 2211	20,00	18,00

MSA 0104 - MAV1
MSA 0304 - MAV 3
MSA 0404 - MAV 1
MSA 1104 - MAV 11

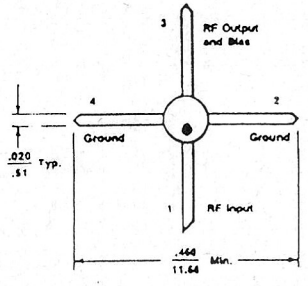
Typical Biasing Configuration MAV



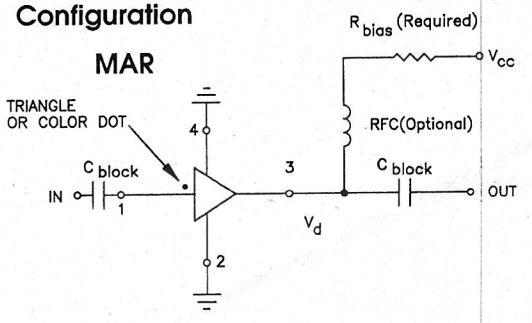
MSA 0185 - MAR 1
MSA 0285 - MAR 2
MSA 0385 - MAR 3
MSA 0485 - MAR 4
MSA 0685 - MAR 6
MSA 0785 - MAR 7
MSA 0885 - MAR 8

ERA 1 / 2 / 3 / 4 / 5 / 6

INA 03184 / 10386



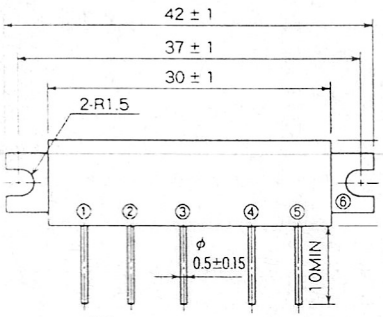
Typical Biasing Configuration MAR



MODULES HYBRIDES

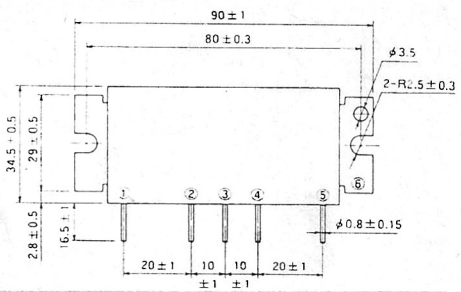
Typ	F (MHz)	P in lin. (mW)	P in FM (mW)	P out lin. (W)	P out FM (W)	VBB (V)	Vcc (V)	prix (FF)
M 57735	50 - 54	20	100	10	20	9,0	12,5	499
M 57713	144 - 148	50	200	10	20	9,0	12,5	388
M 57719	145 - 175	-	100	-	16	0	12,5	325
M 57727	144 - 148	50	200	25	40	9,0	12,5	466
M 57737	144 - 148	-	200	-	30	0	12,5	292
M 57796 MA	144 - 148	-	200	-	7	5,0	12,5	218
M 67727	144 - 148	-	500	-	60	9,0	12,5	740
M 67748 L	135 - 150	~ 5	10	~ 5	7	5,0	12,5	218
M 57716	430 - 450	60	150	10	20	9,0	12,5	399
M 57745	430 - 450	50	300	25	40	9,0	12,5	518
M 57788 M	430 - 450		300/500		40/50 max	0	12,5/15	499
M 57797 MA	430 - 450	-	100	-	7	5,0	12,5	218
M 67705 M	430 - 470	-	20	-	7	5,0	9,6	218
M 67728	430 - 450	-	10 Watt	-	> 60	9,0	12,5	740
M 67749 H	440 - 470	-	20	-	7	5,0	12,5	218
M 67749 M	430 - 450	-	20	-	7	5,0	12,5	218
M 57762	1240 - 1300		750	10	20	9,0	12,5	420
M 67715	1240 - 1300	3		1		8,0	8,0	329
RF 2126	1800 - 2500	?	~ 80	?	~ 1,3	max. 7,0		90

M 67748 L
M 57797 MA
M 67749 H
M 67749 M
M 67715



PIN :
①Pin : RF INPUT
②Vcc1 : 1st. DC SUPPLY
③VBB : BASE BIAS SUPPLY
④Vcc2 : 2nd. DC SUPPLY
⑤Po : RF OUTPUT
⑥GND : FIN

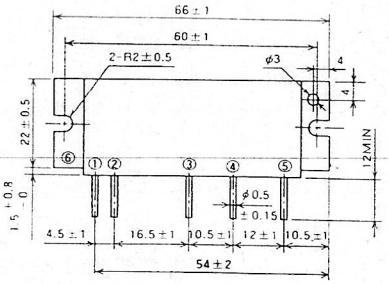
M 67727
M 67728



PIN :
①Pin : RF INPUT
②Vcc1 : 1st. DC SUPPLY
③VBB : BASE BIAS SUPPLY
④Vcc2 : 2nd. DC SUPPLY
⑤Po : RF OUTPUT
⑥GND : FIN

M 57713
M 57727
M 57735
M 57762
M 67705M

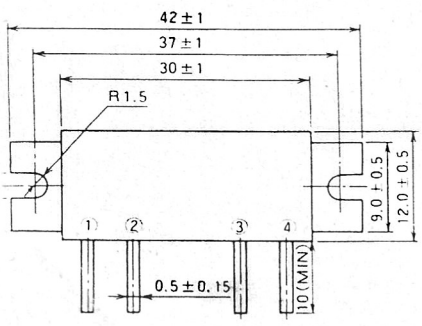
PIN :
①Pin : RF INPUT
②Vcc1 : 1st. DC SUPPLY
③VBB : BASE BIAS SUPPL
④Vcc2 : 2nd. DC SUPPLY
⑤Po : RF OUTPUT
⑥GND : FIN



M57788M

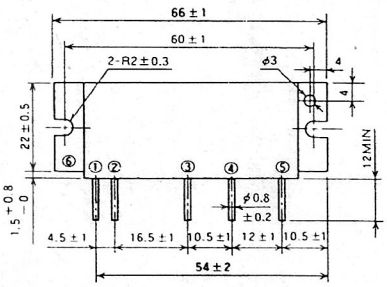
PIN :
①Pin : RF INPUT
②Vcc1 : 1st. DC SUPPLY
③Vcc2 : 2nd. DC SUPPLY
④Vcc3 : 3rd. DC SUPPLY
⑤Po : RF OUTPUT
⑥GND : FIN

M57796MA



PIN :
①Pin : RF INPUT
②VBB : BASE BIAS SUPPLY
③Vcc : DC SUPPLY
④Po : RF OUTPUT
⑤GND : FIN

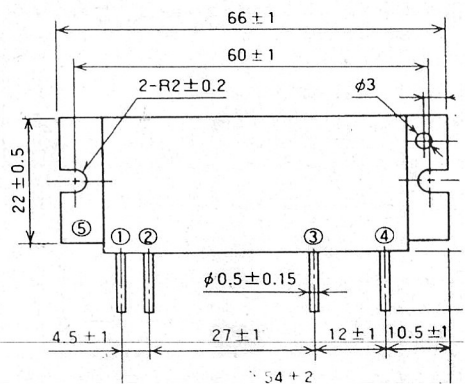
M 57716
M 57745



PIN :
①Pin : RF INPUT
②VBB : BASE BIAS SUPPLY
③Vcc1 : 1st. DC SUPPLY
④Vcc2 : 2nd. DC SUPPLY
⑤Po : RF OUTPUT
⑥GND : FIN

M 57719
M 57737

PIN :
①Pin : RF INPUT
②Vcc1 : 1st. DC SUPPLY
③Vcc2 : 2nd. DC SUPPLY
④Po : RF OUTPUT
⑤GND : FIN



Änderungen vorbehalten - ohne Gewähr

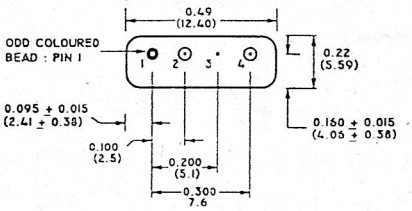
Monolithic Amplifiers - Amplificateur large bande - Breitbandverstärker - M M I C ´s

Type :	Gain								Power max. (dbm)			dynamic Range at 2 GHz		VSWR typ. (:1)				I max.	P max. (tot)	DC - Power Pin 3		prix
	over frequenzy (GHz)							Flatness	output		input	NF	IP3	In		Out				Cur - rent	U :	
	0.1	1	2	3	4	6	8	DC - 2 GHz	(1 db Comp.) Typ.	Min.	(no dmg)	(db)	(dbm)	DC - 3 (GHz)	3 - fu (GHz)	DC - 3 (GHz)	3 - fu (GHz)	(mA)	(mW)	(mA)	(V)	(F F)
ERA-1	12.2	12.1	11.8	11.5	11.3	11.0	10.2	+/- 0.3	11.7	9.7	15	5.3	26	1.6	1.8	1.5	1.9	75	330	40	3.6	21,00
ERA-2	16.2	16.0	15.6	15.1	14.6	14.0	--	+/- 0.3	12.8	11	15	4.7	26	1.4	1.4	1.4	1.6	75	330	40	3.6	22.00
ERA-3	22.9	22.2	20.8	19.2	--	--	--	+/- 1.1	12.1	9	13	3.8	23	1.7	--	1.7	--	75	330	35	3.5	23,00
ERA-4	13.8	13.7	13.5	13.3	13.0	--	--	+/- 0.2	17.0	15	20	5.5	32.5	1.6	1.6	1.4	1.6	120	650	65	5.0	
ERA-5	20.2	19.8	18.8	17.7	16.4	--	--	+/- 0.75	18.4	16.5	13	4.5	33	1.2	1.2	1.3	1.5	120	650	65	4.9	37.00
ERA-6	11.1	11.1	11.3	11.5	11.3	--	--	+/- 0.2	18.5	16.5	20	8.4	36.5	1.3	1.3	1.6	1.6	120	850	70	5.5	52,00
ERA-3SM	22.8	21.8	20.2	18.4	--	--	--	+/- 1.3	11.5	9	13	3.8	23	1.5	--	1.5	--	75	330	35	3.5	28,00
MAR - 1	18.5	15.5	12						1,5/500		13	5,5/500	14/500	1,3		1,3		40	200	17	5,0	16.00
MAR - 2	12.5	12.0	11.0						4,5/1G		13	6,5	17	1,3		1,4		60	325	25	5,0	20.00
MAR - 3	12.5	12.0	10.5						10/1G		13	6,0	23,0	1,5		1,7		70	400	35	5,0	20.00
MAR - 4	8.3	8.0	7,5						12/1G		13	6,5	25,5	1,6		2,0		85	500	50	5,25	21.00
MAR - 6	20.0	16.0	11.0						2/500		13	3/500	14,5/500	1,5		1,4		50	200	16	3,5	19.00
MAR - 7	13.5	12.5	11.0						5,5/1G		13	5,0	19,0	1,4		1,5		60	275	22	4,0	27,00
MAR - 8	32.5	22.5	17			~10			12,5/1		13	3,3	27,0					65	500	36	7,8	23,00
MAV - 1	18,5	15,0							1,5			6,0								17	5,0	18.00
MAV - 3	12,5	11,0							10			6,0								35	5,0	18.00
MAV - 4	8,3	7,7							11,5			7,0								50	5,3	18,00
MAV - 11	12,7	10,5							17,5/500		13	3,6	30,0	1,5		1,7		80	550	60	5,5	18.00
MGA86563	~12	21	22,5						~ 4			1,8								14,0	5,0	48.00
MGA86576					23,0				6,4			2,0/4GHz	16,0							16,0	5,0	81.00
MGA87563	~11	14,6	12,5		10,3				- 2		13	1,7	8,0			1,8				4,5	3,0	30.00
INA 03184	25	25	25	22				+/-0,8	- 2,0		13	2,6	7,0	2,0		3,0		25	200	10,0	4,0	37.00
INA 10386	26	26	23	20	15			+/-1,0	10		13	3,7	23,0	1,5		1,5		80	750	45,0	6,0	44.00
CGY 50	10	10	10	10				+/-0,4	16			3,0							400	60	4,5	37.00

Mischer / Mixer

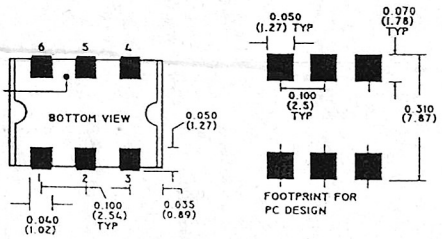
Typ	equivalent Äquivalent	Frequenz LO / RF	MHz IF / ZF	Conversion Loss dB	Isolation LO-RF	Isolation LO-IF	LO dBm	1 dB Comp. dBm	Prix FF
~~EMT-27~~	~~-~~	~~800-2700~~	~~DC-400~~	~~8,0~~	~~35~~	~~25~~	~~7~~	~~1~~	~~110,00~~
SBL-1	(IE500)(MS83)	1-500	DC-500	8,0 max.	60	45	7	1	68,00
SMD-C2	ESMD-C2	20-1500	DC-1500	8,0	40	30	7	0	103,00
SMD-C3	ESMD-C3	200-2500	20-600	8,5	30	25	7	1	110,00
TFM 2	EMT-2	1-1000	DC-1000	7,0	40	35	7	1	110,00
~~TFM 3~~	~~EMT-3~~	~~0,04-400~~	~~DC-400~~	~~6,0~~	~~50~~	~~45~~	~~7~~	~~1~~	
ESMD 169		1-3500	5-1500				10	5	230,00
EMT-42 MH		10-4200	10-1000	7,3	40	35	13	9	490,00
EMRS-25 MH		5-2500	5-1500	7	35	30	13	9	98,00
~~EMS 1H~~	SRA-1H	0,5-500	DC-500	6	45	40	17	14	
EMA-11 H		10-3000	10-1000	9	25	25	17	14	380,00
ESMD-C3H		20-2500	20-600	8,5	30	25	17	14	185,00
EBY-2		0,1-1000	0,01-500	6,5	40	40	23	20	440,00
ESMD-C2Y		10-2400	5-1000	7,5	26	26	23	20	410,00
EVAY-2		10-2500	10-1000	6,7	30	30	27	24	599,00
IAM 82008 (actif)		50-5000	DC-3000	-15,0	30	-	-	8	35,00
IAM 82018 (actif)		50-5000	DC-2000	-15,0	30	-	-	18	340,00

EMT-42MH

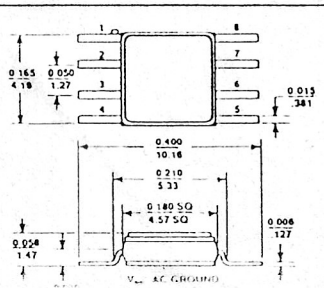


Function	Pin No.
LO	1
RF	4
IF	2
Ground	3
Case Ground	3
Unconnected	-

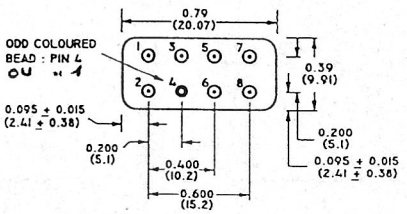
EMRS-25MH



Function	Pin No.
LO	1
RF	4
IF	5
Ground	2,3,6
Case Ground	-



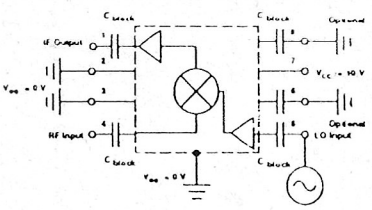
SBL - 1
IE 500
HPF505
EMA-11H
EBY-2
SRA-1H



Function	Pin No.
LO	8
RF	1
IF	3 / 4
Ground	2,5,6,7
Case Ground	2,5,6,7
Unconnected	4 or IF

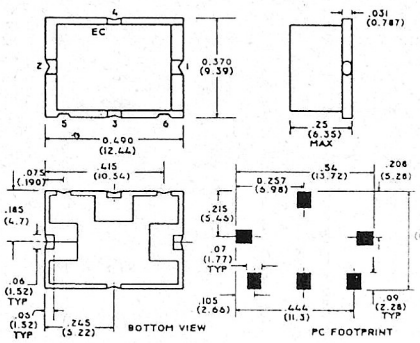
IAM 82008
IAM 82018

Typical Biasing Configuration
and Functional Block Diagram



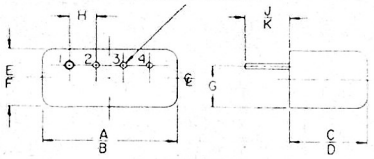
PIN DESCRIPTION			
1	IF Output	8	RF-Ground (opt.)
2	Ground	7	Vcc
3	Ground	6	LO-Ground (opt.)
4	RF input	5	LO input

SMD-C2
SMD-C3
ESMD-C3H
ESMD-C2Y
ESMD-169



Function	Pin No.
LO	2
RF	1
IF	3
Ground	4,5
Case Ground	-

TFM 2
TFM 3



NOTE: Blue Bead indicates pin 1

Function	Pin No.
LO	4
RF	1
IF	2
GND (Case)	3

DIVISEUR - DIVIDER

Ref.			Standby (MHz)	Standby mode		Prix
PMB 2312	cms	1 : 64/65 // 1 : 128/129	100 - 1200	oui	P-DSO-8	30,00 F
MC 12079	cms	1:64 1:128 1:256	200 - >3200	no	SO-8	45,00 F
~~MC 12080~~	~~cms~~	~~1 : 10 // 1 : 20 // 1 : 40 // 1 : 80~~	~~100 - 1500~~	~~no~~	~~SO-8~~	~~45,00 F~~
MC 12017	DIL	1 : 64/65	50 - 225	no	626-05	70,00 F
U 6024	cms	1 : 4	600 - 6200	no	SO-8	290,00 F
SP 4908	DIL	1 : 8	250 - 3300	no	DP-8	80,00 F
MC 12095	cms	1 : 2 // 1 : 4	500 - 2600	oui	SO-8	56,00 F
SP 8718	DIL	1 : 64/65	30 - 550	no	DP-8	78,00 F
SP 8719	DIL	1 : 80/81	30 - 550	no	DP-8	70,00 F
SP 8792	DIL	1 : 80/81	20 - 250	no	DP-8	70,00 F
SP 8910	cms	1 : 10	500 - 6000	no	SO-8	370,00 F
U 891	DIL	1 : 64 // 1 : 128 // 1 : 256	max. 1300	no	DP-8	18,00 F
U 893	DIL	2 : 64 // 1 : 128 // 1 : 256	> 1300	no	DP-8	19,00 F
SP 8755	DIL	1 : 64	50 - 1200	no	DG 14	56,00 F
SP 8720	DIL	1 : 3/4	30 - 350	no	DG 16	93,00 F

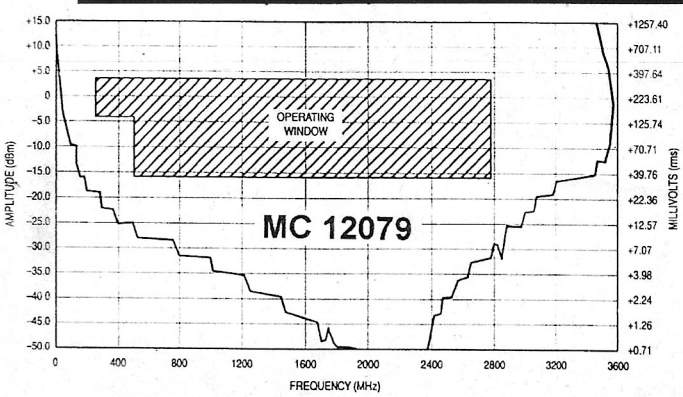
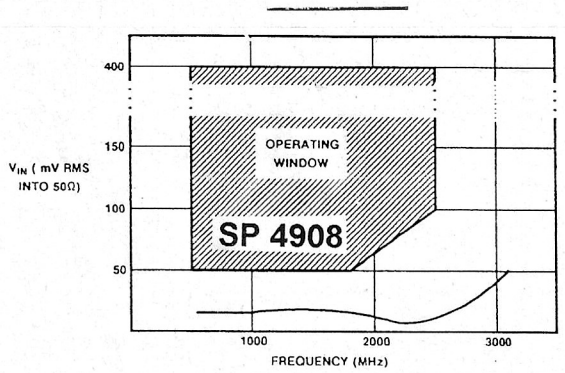


Figure 3. Input Signal Amplitude versus Input Frequency
Divide Ratio = 64; V_{CC} = 5.0V; T_A = 25°C



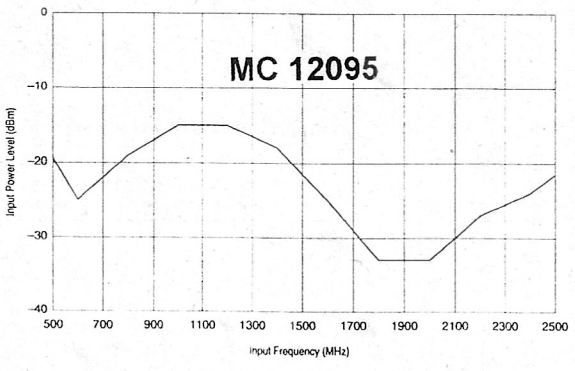


Figure 1. Typical Minimum Input Sensitivity versus Input Frequency
(Divide By 2 Mode, T = 25°C, V_{CC} = 2.7V)

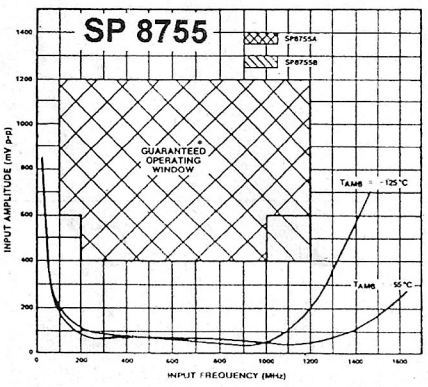
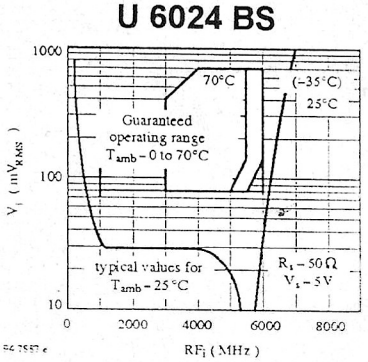
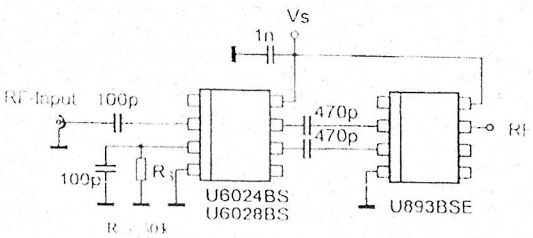


Fig 3 Typical input characteristics SP8755A/B

Input sensitivity vs. frequency





CONDENSATEUR Ceramiques

Boit. 0805 COG/NP0 (2x1,25mm) 5%

Standard		(pieces)	1-9	> 10
ck1ps	1 pF	63V	0,70	0,50
ck1p5s	1,5 pF	63V	0,70	0,50
ck1p8s	1,8 pF	63V	0,70	0,50
ck2p2s	2,2 pF	63V	0,70	0,50
ck2p7s	2,7 pF	63V	0,70	0,50
ck3p3s	3,3 pF	63V	0,70	0,50
ck3p9s	3,9 pF	63V	0,70	0,50
ck4p7s	4,7 pF	63V	0,70	0,50
ck5p6s	5,6 pF	63V	0,70	0,50
ck6p8s	6,8 pF	63V	0,70	0,50
ck8p2s	8,2 pF	63V	0,70	0,50
ck10ps	10 pF	63V	0,70	0,50
ck12ps	12 pF	63V	0,70	0,50
ck15ps	15 pF	63V	0,70	0,50
ck18ps	18 pF	63V	0,70	0,50
ck22ps	22 pF	63V	0,70	0,50
ck27ps	27 pF	63V	0,70	0,50
ck33ps	33 pF	63V	0,70	0,50
ck39ps	39 pF	63V	0,70	0,50
ck47ps	47 pF	63V	0,70	0,50
ck56ps	56 pF	63V	0,70	0,50
ck68ps	68 pF	63V	0,70	0,50
ck82ps	82 pF	63V	0,70	0,50
ck100ps	100 pF	63V	0,70	0,50
ck120ps	120 pF	63V	0,70	0,50
ck150ps	150 pF	63V	0,70	0,50
ck180ps	180 pF	63V	0,70	0,50
ck220ps	220 pF	63V	0,70	0,50
ck270ps	270 pF	63V	0,70	0,50
ck330ps	330 pF	63V	0,70	0,50
ck390ps	390 pF	63V	0,70	0,50
ck470ps	470 pF	63V	0,70	0,50
ck560ps	560 pF	63V	0,70	0,50
ck680ps	680 pF	63V	0,70	0,50
ck820ps	820 pF	63V	0,70	0,50
ck1ns	1 nF	63V	0,70	0,50
ck1n5s	1,5 nF	63V	0,70	0,50
ck2n2s	2,2 nF	63V	0,70	0,50
ck3n3s	3,3 nF	63V	0,70	0,50
ck4n7s	4,7 nF	63V	0,70	0,50
ck6n8s	6,8 nF	63V	0,70	0,50
ck10ns	10 nF	63V	0,70	0,50
ck22ns	22 nF	63V	0,70	0,50

X 7 R

ck33ns	33 nF	50V	0,70	0,50
ck47ns	47 nF	50V	0,70	0,50
ck68ns	68 nF	50V	0,70	0,50
ck100ns	100 nF	25V	0,70	0,50
ck220ns	220 nF	16V	1,00	0,70

Boitier 1206 (3,2x1,6mm) Standard

ck100ps1	100 pF		0,70	0,40
ck220ps1	220 pF		0,70	0,40
ck330ps1	330 pF		0,70	0,40
ck470ps1	470 pF		0,70	0,40
ck680ps1	680 pF		0,70	0,40
ck820ps1	820 pF		0,70	0,40
ck1ns1	1 nF		0,70	0,40
ck2n2s1	2,2 nF		0,70	0,40
ck3n3s1	3,3 nF		0,70	0,40
ck4n7s1	4,7 nF		0,70	0,40
ck6n8s1	6,8 nF		0,70	0,40
ck8n2s1	8,2 nF		0,70	0,40
ck10ns1	10 nF		0,70	0,40
ck22ns1	22 nF		0,70	0,40
ck33ns1	33 nF		0,70	0,40
ck47ns1	47 nF		0,70	0,40
ck68ns1	68 nF		0,70	0,40
ck82ns1	82 nF	50V	0,70	0,40
ck100ns1	100 nF	50V	0,70	0,40
ck220ns1	220 nF		1,00	0,70
ck330ns1	330 nF		1,30	1,00

CONDENSATEURS HAUTE-Q

ATC 100	(>10 GHz)	Boitier 0805	
atc05	0,5 pF	11,00	9,90
atc1	1 pF	11,00	9,90
atc2p2	2,2 pF	11,00	9,90
atc4p7	4,7 pF	11,00	9,90
atc8p2	8,2 pF	11,00	9,90
atc10	10 pF	11,00	9,90
atc47	47 pF	11,00	9,90
atc100	100 pF	11,00	9,90

TANTALES

			long.	larg.	h	(pieces)	1-9	> 10
tku1s	0,10 uF	35V	3,2	1,6	1,6		1,50	1,00
tku22s	0,22 uF	35V	3,2	1,6	1,6		1,50	1,00
tku33s	0,33 uF	35V	3,2	1,6	1,6		1,50	1,00
tku47s	0,47 uF	35V	3,2	1,6	1,6		1,50	1,00
tku68s	0,68 uF	35V	3,2	1,6	1,6		1,50	1,00
tk1us16	1 uF	16V	3,2	1,8	1,7		1,50	1,00
tk1us25	1 uF	25V	3,2	1,8	1,7		2,00	1,50
tk1us35	1 uF	35V	3,5	2,8	1,9		2,50	2,00
tk2u2s20	2,2 uF	20V	3,6	2,9	1,9		2,00	1,50
tk2u2s35	2,2 uF	35V					2,50	2,00
tk3u3s16	3,3 uF	16V	3,6	2,9	1,9		2,00	1,50
tk3u3s35	3,3 uF	35V					2,50	2,00
tk4u7s20	4,7 uF	20V	3,6	2,9	2,0		2,30	1,80
tk4u7s35	4,7 uF	35V					3,50	3,00
tk6u8s20	6,8 uF	20V	6,0	3,3	2,5		3,50	3,00
tk6u8s35	6,8 uF	35V					4,50	3,70
tk10us16b	10 uF	16V	3,6	2,9	1,9		2,50	1,80
tk10us16c	10 uF	16V	6,0	3,3	2,5		2,50	2,00
tk10us35	10 uF	35V					3,50	3,00

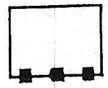
Trimmers Cermet (Murata)

	(pieces)	1-9	> 10
cct100h	100 Ohm	2,50	2,25
cct300h	300 Ohm	2,50	2,25
cct500h	500 Ohm	2,50	2,25
cct1kh	1k Ohm	2,50	2,25
cct3kh	3k Ohm	2,50	2,25
cct5kh	5k Ohm	2,50	2,25
cct10kh	10k Ohm	2,50	2,25
cct30kh	30k Ohm	2,50	2,25
cct50kh	50k Ohm	2,50	2,25
cct100kH	100k Ohm	2,50	2,25
cct300kh	300k Ohm	2,50	2,25
cct500kh	500k Ohm	2,50	2,25
cct1mh	1M Ohm	2,50	2,25

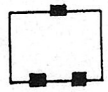
Trimmers Cermet (Murata)

cct100f	100 Ohm	2,50	2,25
cct300f	300 Ohm	2,50	2,25
cct500f	500 Ohm	2,50	2,25
cct1kf	1k Ohm	2,50	2,25
cct3kf	3k Ohm	2,50	2,25
cct5kf	5k Ohm	2,50	2,25
cct10kF	10k Ohm	2,50	2,25
cct20kf	20k Ohm	2,50	2,25
cct50kf	50k Ohm	2,50	2,25
cct100kf	100k Ohm	2,50	2,25
cct300kf	300k Ohm	2,50	2,25
cct500kf	500k Ohm	2,50	2,25
cct1mf	1M OHM	2,50	2,25

Serie F



Serie H



SELFS

(Siemens) 3,2x2,5x1,6mm

	(pieces)	1-9	> 10
dru010s	0,010 uH	2,70	2,50
dru022s	0,022 uH	2,70	2,50
dru033s	0,033 uH	2,70	2,50
dru047s	0,047 uH	2,70	2,50
dru068s	0,068 uH	2,70	2,50
dru1s	0,1 uH	2,70	2,50
dru15s	0,15 uH	2,70	2,50
dru22s	0,22 uH	2,70	2,50
dru33s	0,33 uH	2,70	2,50
dru47s	0,47 uH	2,70	2,50
dru68s	0,68 uH	2,70	2,50
dr1us	1 uH	2,70	2,50
dr1u5s	1,5 uH	2,70	2,50
dr2u2s	2,2 uH	2,70	2,50
dr3u3s	3,3 uH	2,70	2,50
dr4u7s	4,7 uH	2,70	2,50
dr6u8s	6,8 uH	2,70	2,50
dr8u2s	8,2 uH	2,70	2,50
dr10us	10 uH	2,70	2,50

SELFS 3,2 X 2,5mm

(Siemens) avec revetement

	(pieces)	1-9	> 10
dru1c	0,1 uH	4,00	3,60
dru15c	0,15 uH	4,00	3,60
dru22c	0,22 uH	4,00	3,60
dru33c	0,33 uH	4,00	3,60
dru47c	0,47 uH	4,00	3,60
dru68c	0,68 uH	4,00	3,60
dr1uc	1,0 uH	4,00	3,60
dr1u5c	1,5 uH	4,00	3,60
dr2u2c	2,2 uH	4,00	3,60
dr3u3c	3,3 uH	4,00	3,60
dr4u7c	4,7 uH	4,00	3,60
dr6u8c	6,8 uH	4,00	3,60
dr10uc	10 uH	4,00	3,60
dr15uc	15 uH	4,00	3,60
dr22uc	22 uH	4,00	3,60
dr33uc	33 uH	4,00	3,60
dr47uc	47 uH	4,00	3,60
dr68uc	68 uH	4,00	3,60
dr100uc	100 uH	4,00	3,60

RESISTANCES Boitier 1206

Standard / 3,2x1,6x0,6 mm / 0,25 Watt / 70 C | (pieces) 1-9 > 10

cw.... 1 Ohm --> 1M Ohm (Serie E 24) 0,60 0,30

RESISTANCES Boitier 0805

2,0x1,0x0,5 mm / 0,1 Watt / 70 C

cw47/2	47 Ohm	0,60	0,30
cw100/2	100 Ohm	0,60	0,30
cw150/2	150 Ohm	0,60	0,30
cw220/2	220 Ohm	0,60	0,30
cw390/2	390 Ohm	0,60	0,30
cw10k/2	10K Ohm	0,60	0,30
cw47k/2	47k Ohm	0,60	0,30

BOBINES NEOSID

ref.	Ind.(uH)	F(MHz)	Q / MHz	prix 1-9	prix >10
BV 5002	4,5	0,5-5	>110 / 5	11,00	10,00
BV 5016	15,0	0,5-5	100 / 2	11,00	10,00
BV 5022	1,25	20-60	>75 / 40	11,00	10,00
BV 5034	0,036	100-500	>100 / 120	11,00	10,00
BV 5036	0,58	5-50	>75 / 40	11,00	10,00
BV 5046	0,9	5-50	>70 / 40	11,00	10,00
BV 5048	1,0	5-50	>60 / 40	11,00	10,00
BV 5049	0,33	5-150	>80 / 40	11,00	10,00
BV 5052	0,08	50-200	100 / 100	11,00	10,00
BV 5056	4,0	3-30	35 / 20	11,00	10,00
BV 5061	0,115	50-200	>90 / 130	11,00	10,00
BV 5063	0,135	50-200	>75 / 100	11,00	10,00
BV 5135	82,0	0,5-5	100 / 0,46	11,00	10,00
BV 5138	2,6	1-15	80 / 10	11,00	10,00
BV 5164	3,2	3-15	90 / 10	11,00	10,00
BV 5211	1,55	1-15	25 / 10	11,00	10,00
BV 5243	0,016	100-500	100 / 120	11,00	10,00
BV 525230	1,9	3-30	40 / 20	11,00	10,00
BV 528566	0,08-0,11	50-200	>105 / 100	11,00	10,00
BV 531317	22,0	0,5-5	100 / 15	11,00	10,00
BV 5800	8,0	0.8-8	65 / 1,2	11,00	10,00
BV 5822	1,6	5-15	70 / 10	11,00	10,00
BV 5823	2,5	1-15	90 / 10	11,00	10,00
BV 5840	1,7	5-15	>115 / 10	11,00	10,00
BV 5899	1,8	0,5-5	>80 / 5	11,00	10,00
BV 590201	3290	0,05-0,5	80 / 0,2	11,00	10,00
BV 5918	2,18	5-15	>100 / 10,7	11,00	10,00
BV 5952	3,0	5-15	>95 / 10	11,00	10,00
BV 5960	82,0	0,5-5	100 / 0,46	11,00	10,00

BOBINES TOKO 455 KHz (7x7x12 mm)

ref.			imp.(Ohm)		
t4100	LMC-4100A jaune (7MCS-502503N4)	int.150pF/ext.5pF	50k:500	7,00	6,30
t4101	LMC-4101A blanc (7MCS-402503N9)	" 150pF/ " 5pF	30k:500	7,00	6,30
t4102	LMC-4102A noir (7MCS-222162N0)	" 150pF/ " 5pF	15k:5k	7,00	6,30
t4200	LPC-4200A jaune (A7LCS-A 9209A)	int.150pF/ " 5pF	15k:150	7,00	6,30
t4201	LPC-4201A blanc	" 150pF/ " 5pF	35k:150	7,00	6,30
t4202	LMC-4202A noir (A7MCS-A9164A)	" 150pF/ " 5pF	37k:12k	7,00	6,30

BOBINES TOKO 10,7 MHz 7x7x12mm

t2874	85PC-2874A noir (A119ACS-A9224A)	int.82pF/ext.5pF		7,00	6,30

BOBINES TOKO 10,7 MHz 10x10x12mm

t6184	KAC-6184A noir	int.82pF/ext.5pF		7,00	6,30

BOBINES TOKO

t3893	KACS-K3893 H			9,00	8,10
t586	KACS-K586 HM			9,00	8,10

BOBINES pour packet radio	7,5x7,5x12mm	455 KHz	noir	7,00	6,30
" " " "		10,7 MHz	vert	7,00	6,30

FILTRES HELICOIDAUX

	Fo MHz	largeur de bande - 1dB	selection +MHz/dB	selection -MHz/dB	pert d'insertion dB	zone d'accord MHz	prix
BV 511631	0,034 uH	(144 MHz avec C_P~16pF)				80-300	17,00
BV 5118 30	(0,053 uH)	(144 MHz avec C_P~15pF)				50-200	17,00
BV 5118 36	145	(avec 15 pF par.) 0,053 uH			(2-circ.)	120-160	29,00
252 MT-1101A	332		15/12	15/12	4		55,00
5HW-35045A-365	365	6	50/20	50/25	4,5	350-395	55,00
252 MX-1544 A	367	8	30/19	30/23	3,5		55,00
5HW-36535A-385	385	7	50/20	50/25	4,5	365-400	55,00
252 MX-1546 A	385	8	30/17	30/21	3,5		55,00
252 MX-1521 A	415	7	30/14	30/18	4		55,00
5HW-39545A-420	420	7	50/20	50/25	4,5	395-440	55,00
BV 5196 51	432	>12/3dB	30/20	30/20	< 2	415-455	29,00
BV 5105 01	433	6,5	20/22	20/28	4,5	425-450	52,00
BV 5144 33	458					465-490	29,00
BV 5144 35	458					455-490	17,00
BV 5146 30	0,076 uH						17,00
BV 5148 31	0,021 uH	(144 MHz avec C_P~18pF)				100-500	17,00
5HW-44545A-470	470	8	50/18	50/22	4,5	445-490	55,00
5HW-47535A-500	500	10	50/16	50/20	4,5	475-510	55,00
5HW-51035A-535	535	10	50/16	50/20	4,5	510-545	55,00
5HW-52535A-560	560	10	50/16	50/20	4,5	535-570	55,00
5HW-58080A-625	625	10	50/15	50/16	4,5	580-660	55,00
367 MN-101 A	650	14	100/26	100/26	3,5	635-670	55,00
5HW-68050A-700 (->367 MN-102A)	700	16	50/23	50/23	3,5	680-730	55,00
5HW-73050A-735 (->367 MN-103A)	735	16	50/23	50/23	3,5	730-780	55,00
5HW-78045A-820	820	16	50/22	50/22	3,5	780-825	55,00
5HW-82560A-880	880	16	50/21	50/21	3,5	825-885	55,00
7.3G 914	914	16/3dB	40/30	40/30	3,6	880-945	59,00
5HW-88560A-914	914	18	50/19	50/19	3,5	885-945	55,00
7.3G 959	959	16/3dB	40/30	40/30	3,6	930-990	59,00
5HW-94555A-959	959	18	50/17	50/17	3,5	945-1000	55,00
5HW-100090A-1010	1010	16	50/14	50/14	3,5	1000-1090	55,00
5HW-109060A-1130 (-> 367 MN-110A)	1130	18	50/14	50/14	3,5	1090-1150	55,00
5HW-115045F-1195	1195	24	50/18	50/18	3,5	1150-1195	55,00
5HW-120020F-1225	1225	18	50/20	50/20	3,5	1200-1250	55,00
5HW-125055F-1305 (-> 367 MN-113F)	1305	25	50/18	50/18	3,5	1250-1305	55,00
BV 510232	1300	45/3dB	50/7	50/7	2,2	1300	52,00
BV 510241	2450	2-circuits				2300-2500	52,00

Eisenpulver-Ringkerne / RF Toroids / Ferrites

(Sogenannte Amidon-Ringkerne direkt vom Originalhersteller " micro metal ")

Type :	a	i	h	A L	Preis / DM	Prix /FF
T 12 - 2	3,18	1,57	1,27	2,0	0,50	2,00
T 12 - 6	3,18	1,57	1,27	1,7	0,50	2,00
T 16 - 2	4,06	1,98	1,52	2,2	0,70	2,50
T 20 - 0	5,08	2,24	1,78	0,35	0,70	2,50
T 20 - 2	5,08	2,24	1,78	2,5	0,70	2,50
T 20 - 6	5,08	2,24	1,78	2,2	0,50	2,00
T 20 - 10	5,08	2,24	1,78	1,6	0,80	3,00
T 20 - 12	5,08	2,24	1,78	1,0	0,60	2,50
T 25 - 2	6,48	3,05	2,44	3,4	0,50	2,00
T 25 - 6	6,48	3,05	2,44	2,7	0,50	2,00
T 25 - 10	6,48	3,05	2,44	1,9	0,60	2,50
T 30 - 2	7,80	3,84	3,25	4,3	0,50	2,00
T 30 - 6	7,80	3,84	3,25	3,6	0,60	2,50
T 30 - 12	7,80	3,84	3,25	1,6	0,60	2,50
T 37 - 2	9,53	5,21	3,25	4,0	0,80	3,00
T 37 - 6	9,53	5,21	3,25	3,0	0,80	3,00
T 37 - 10	9,53	5,21	3,25	2,5	0,90	3,50
T 37 - 12	9,53	5,21	3,25	1,5	0,60	3,00
T 44 - 0	11,2	5,82	4,04	0,65	0,50	2,00
T 44 - 2	11,2	5,82	4,04	5,2	0,80	3,00
T 44 - 6	11,2	5,82	4,04	4,2	1,00	3,50
T 50 - 2	12,7	7,70	4,83	4,9	0,90	3,50
T 50 - 6	12,7	7,70	4,83	4,0	1,10	4,00
T 50 - 10	12,7	7,70	4,83	3,1	1,40	5,00
T 50 - 12	12,7	7,70	4,83	1,8	0,70	2,50
T 50 - 17	12,7	7,70	4,83	1,8	1,10	4,00
T 68 - 2	17,5	9,40	4,83	5,7	1,10	4,50
T 68 - 6	17,5	9,40	4,83	4,7	1,30	5,00
T 68 - 10	17,5	9,40	4,83	3,2	1,70	7,00
T 68 - 12	17,5	9,40	4,83	2,1	0,90	3,50
T 80 - 2	20,2	12,6	6,35	5,5	1,10	6,00
T 80 - 6	20,2	12,6	6,35	4,5	1,90	7,00
T 80 - 10	20,2	12,6	6,35	3,2	2,30	9,00
T 94 - 2	23,9	14,2	7,92	8,4	1,60	6,50
T 94 - 6	23,9	14,2	7,92	7,0	3,00	12,00
T 94 - 10	23,9	14,2	7,92	5,8	3,80	15,00
T 106 - 2	26,9	14,5	11,1	13,5	2,10	8,50
T 106 - 6	26,9	14,5	11,1	11,6	3,80	14,00
T 130 - 2	33,0	19,8	11,1	11,0	3,10	12,00
T 130 - 6	33,0	19,8	11,1	9,6	5,10	19,00
T 157 - 2	39,9	24,1	14,5	14,0	4,90	19,00
T 157 - 6	39,9	24,1	14,5	11,5	9,00	34,00
T 184 - 2	46,7	24,1	18,0	24,0	9,20	35,00
T 184 - 6	46,7	24,1	18,0	19,5	17,00	64,00
T 200 - 2	50,8	31,8	14,0	12,0	7,50	30,00
T 200 - 6	50,8	31,8	14,0	10,0	13,90	53,00
T 225 - 2	57,2	35,6	14,0	12,0	9,20	35,00
T 225 - 6	57,2	35,6	14,0	10,0	16,90	64,00
T 300 - 2	77,2	49,0	12,7	11,4	16,90	64,00
T 400 - 2	102,0	57,2	16,5	18,0	39,00	150,00

RESONANT CIRCUIT* (——) AND BROADBAND FREQUENCY RANGE (- - -)

Mix #	Range (MHz)	2KHz to 50KHz	50KHz to 250KHz	250KHz to 500KHz	500KHz to 2MHz	2MHz to 10MHz	10MHz to 40MHz	40MHz to 150MHz	150MHz to 250MHz	250MHz to 500MHz	500MHz to 1GHz
2	.25-10										
6	3-40										
10	15-100										
17	20-200										
12	30-250										
0	50-350										

*Resonant frequency range is given to optimize Q and core loss.
Materials can be used outside resonant frequency range where optimum Q is not required.

TYPICAL APPLICATIONS

-2, -4, -6, -7 Materials: These are the most popular carbonyl irons. They will provide high Q up to 40 MHz and are the most popular materials for amateur radio and a variety of other communication applications. They are also useful for moderate band transformers in the 200 to 400 MHz frequency range.

-1, -3, -8, -15 Materials: These materials are annealed carbonyl irons providing the highest carbonyl permeability. They are useful for high Q applications below 1 MHz, They will provide the broadest band transformers covering a typical range from 50 to 500 MHz.

-10, -17 Materials: These materials are the highest frequency carbonyl irons. The will provide high Q up to 150 MHz and are a popular material for cable television applications. They will produce moderate band transformers typically covering 400 to 700 MHz.

-0 Material: This is a non-magnetic material. It provides a solid form for winding air coils. It has excellent temperature stability and will provide high Q up to the highest frequencies. It is also useful for moderate band transformer applications covering a typical range from 600 to 1000 MHz.

	Farbcode Color-Code code de couleur	Permeabilität Permeability(é) µi	Temperatur(e) Stabilität/Stability ppm/°C	Toleranz Tolerance AL
T xx - 0	hellbraun,brown,marron	1	0	N / A
T xx - 2	rot,red,rouge	10	95	+ / - 5 %
T xx - 6	gelb,yellow,jaune	8,5	35	+ / - 5 %
T xx - 10	schwarz,black,noir	6	150	+ / - 5 %
T xx - 12	grün/weiß green/white vert/blanc	4	170	+ / - 5 %
T xx - 17	blau-gelb,blue-yellow,bleu-jaune	4	50	+ / - 5 %

Formel zur Berechnung der Windungszahl bei einer vorgegebenen Induktivität.
To calculate the number of turns required for a desired inductance use the following formula
Formule à utiliser pour le calcul du nombre de spires des tores.

N = Windungen / turns / spires

L = Induktivität / inductance (nH)

Info: 1µH = 1000 nH

$$N = \sqrt{\frac{L\,(nH)}{A_L}}$$

BOBINES NEOSID KIT 7mm

7A1S	0,1 - 5 MHz	marron	5,00	4,50
7F1S	5 - 15 MHz	violet	5,00	4,50
7K1S	15 - 25 MHz	bleu	5,00	4,50
7T1S	20 - 60 MHz	jaune	5,00	4,50
7V1S	50 - 200 MHz	vert	5,00	4,50
7X1S	100 - 500 MHz	laiton	5,00	4,50

MANDRINS

	(l)	(d)	(dK)	(ln)		prix 1-9	> 10
K 308	8,5	3,9	3	7,3	(l)= longueur	1,00	0,90
K 312	12,1	3,9	3	10,5	(d)= diametre	1,00	0,90
K 312 e	13,1	3,8	3	9	(dK)= ferrites	1,00	0,90
K 314	14,2	3,9	3	11,9	(diametre)	1,00	0,90
K 320	9,5	3,9	3	4	(ln)= longueur	1,00	0,90
K 321	12,5	3,9	3	9,5	effective	1,00	0,90
K 416 c	15,5	5,3	4	11		1,00	0,90
K 418	17,8	5	4	13		1,00	0,90
K 432 c	31,5	5	4	28		1,00	0,90
Kt 317	17	4,1	3	11,5	(Snap In)	1,00	0,90
Kt 417	17	5,1	4	11	(Snap In)	1,00	0,90

NOYAU A FILET (longueur = 8mm / diametre = 3mm)

gk3br	0,1 - 4 MHz	marron	1,00	0,90
gk3vi	0,5 - 12 MHz	violet	1,00	0,90
gk3bl	5 - 25 MHz	bleu	1,00	0,90
gk3ge	8 - 60 MHz	jaune	1,00	0,90
gk3gn	20 - 200 MHz	vert	1,00	0,90
gk3ms	100 - 500 MHz	laiton	1,00	0,90

NOYAU A FILET (longueur = 8mm / diametre = 4mm)

gk4br	0,1 - 4 MHz	marron	1,00	0,90
gk4vi	0,5 - 12 MHz	violet	1,00	0,90
gk4bl	5 - 25 MHz	bleu	1,00	0,90
gk4ge	8 - 60 MHz	jaune	1,00	0,90
gk4gn	20 - 200 MHz	vert	1,00	0,90

FERRITES (matiere d'amortissement)

fd 1	longueur - 1,0 mm	1,80	1,62
fd 3	longueur - 3,0 mm	0,70	0,63
fd 5	longueur - 5,0 mm	0,80	0,72
fd 7	longueur - 7,5 mm	1,00	0,90

TORES Neosid / F 10b (0,5 - 12 MHz)

rk410	4 x 2,3 x 3	valeur A_L 29	1,00	0,90
rk810	8 x 5 x 5	" 40	1,50	1,35
rk910	9 x 6 x 3	" 23	1,50	1,35
rk1010	10 x 5 x 2,5	" 32	3,00	2,70
rk1610	16 x 8 x 5	" 66	5,00	4,50

TORES Neosid / F 40b (8 - 60 MHz)

rk440	4 x 2,3 x 3	valeur A_L 7,4	1,00	0,90
rk940	9 x 6 x 3	" 5,8	1,50	1,35

TORES Neosid / F 100b (20 - 200 MHz)

rk4	4 x 2,3 x 3	valeur A_L 3	1,00	0,90
rk8	8 x 5 x 5	" 4	1,50	1,35
rk9	9 x 6 x 3	" 2,3	1,50	1,35
rk10	10 x 5 x 2,5	" 3,2	3,00	2,70
rk16	16 x 8 x 5	" 6,6	5,00	4,50

TORES Siemens

n30r10	N30 R10 (10x6x4)	5,00	4,50

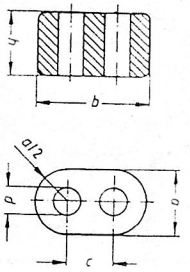
TORES Philips

4 C 65		4,00	3,70

FERRITES A_L = nH

	1-9	> 10
dlk1 - U17 - A4 - (A_L= 9) - 500 MHz (max.1400 MHz)	2,60	2,34
dlk2 - U17 - A3 - (A_L= 20) - 500 MHz (max.1400 MHz)	4,00	3,60
dlk3 - U17 - A2 - (A_L= 28) - 500 MHz (max.1400 MHz)	5,60	5,04
dlk4 - K1 - A3 - (A_L= 140) - 250 MHz	3,40	3,06
dlk5 - K1 - A2 - (A_L= 195) - 250 MHz	5,20	4,68
dlk6 - K1 - A1 - (A_L= 320) - 250 MHz	9,00	8,10
dlk7 - N30 - A4 - (A_L= 3100) - 10 MHz (max. 30 MHz)	2,60	2,34
dlk8 - N30 - A3 - (A_L= 7350) - 10 MHz (max. 30 MHz)	3,00	2,70
dlk9 - N30 - A2 - (A_L= 10000) - 10 MHz (max.30 MHz)	4,50	4,05

Maße (mm)					Magnetische Formkenngrößen[1]				Gewicht
h	b	a	c	d	$\Sigma l/A$ mm^{-1}	l_e mm	A_e mm^2	V_e mm^3	ca. g
14,5 – 1,0	14,5 – 1,0	8,5 – 0,5	5,85 + 0,25	3,4 + 0,8	0,310	15,3	49,7	760	4,0
8,3 – 0,6	14,5 – 1,0	8,5 – 0,5	5,85 + 0,25	3,4 + 0,6	0,540	15,3	28,4	435	2,5
6,2 – 0,5	7,25 – 0,5	4,2 – 0,4	2,90 + 0,15	1,7 + 0,3	0,745	7,6	10,2	78	0,4
2,5 – 0,3	3,6 – 0,3	2,1 – 0,3	1,45 + 0,1	0,8 + 0,15	1,780	3,7	2,1	7,8	0,1



SELFS FIXES module 5mm radial

No. dr...r **FF 2,00**

u1, u15, u22, u33, u47, u68, 1u, 2u2, 3u3, 6u8, 10u, 22u, 33u, 68u, 100u, 220u, 470u, 680u, 1m, 2m7, 4m7, 5m6, 10m, 68m, 100mH - **FF 5,00**

SELFS a large bande

vk200 VK 200 **FF 2,50**

SELFS FIXES CMS

--> CMS

Platines en teflon

RT-duroid/ verni photo/ sur 2 cotes

rt12505	100x125x0,5	163,00
rt125079	100x125x0,79	166,00
rt15005	100x150x0,5	188,00
rt150079	100x150x0,79	192,00
rt33079	35x 35x0,79	16,00
rt37079	35x 72x0,79	33,00
rt310079	35x109x0,79	50,00
rt314079	35x146x0,79	68,00
rt44079	49x 49x0,79	33,00
rt57079	53x 72x0,79	50,00
rt510079	53x109x0,79	76,00
rt514079	53x146x0,79	103,00
rt64079	67x 45x0,79	40,00
rt77079	72x 72x0,79	69,00
rt710079	72x109x0,79	104,00
rt714079	72x146x0,79	140,00
rt108079	105x80x0,79	112,00
rt1610079	160x100x0,79	210,00

SELFS FIXES module 8-10mm axial

No. dr....a **FF 2,00**

u1, u12, u15, u18, u22, u27, u33, u39, u47, u56, u68, u82, 1u, 1u2, 1u5, 1u8, 2u2, 2u7, 3u3, 3u9, 4u7, 5u6, 6u8, 8u2, 10u, 12u, 15u, 18u, 22u, 27u, 33u, 39u, 47u, 56u, 68u, 82u, 100u, 120u, 150u, 180u, 220u, 270u, ...bis 4,7mH

BY-PASS en teflon

td **FF 2,00**

RIVETAGE en cuivre

kn3520	l=3,5/d=2,0	0,30
kn2215	l=2,2/d=1,5	0,30
kn3015	l=3,0/d=1,5	0,30
kn1512	l=1,5/d=1,2	0,30

OSCILLATEUR A QUARTZ 64 MHz 35,00

NTC-RESISTANCE (pour wattmetre)

K 19 Siemens 12 kOhm 166,00

PTC-RESISTANCE (elem.chauffant pour quartz)

p310	P310 / 40 degres	7,00
p330	P330 / 60 degres	7,00

QUARTZ

20 ppm - Standard

1,0000	MHz	29,00	26,10
2,4576	MHz	7,00	6,30
4,433619	MHz	7,00	6,30
4,9152	MHz	7,00	6,30
5,0000	MHz	7,00	6,30
6,1440	MHz	7,00	6,30
7,1450	MHz	80,00	72,00
7,3728	MHz	7,00	6,30
8,0000	MHz	7,00	6,30
10,0000	MHz	7,00	6,30
10,2450	MHz	24,00	21,60
10,7000	MHz	7,00	6,30
15,6250	MHz	80,00	72,00
16,0000	MHz	7,00	6,30
17,6450	MHz	80,00	72,00
18,0000	MHz	7,00	6,30
21,0000	MHz	80,00	72,00
22,0000	MHz	80,00	72,00
38,6670	MHz	80,00	72,00
38,7000	MHz	80,00	72,00
38,9000	MHz	80,00	72,00
44,3000	MHz	80,00	72,00
44,5450	MHz	88,00	79,20
44,88888	MHz	80,00	72,00
45,7000	MHz	80,00	72,00
48,3000	MHz	80,00	72,00
57,6000	MHz	80,00	72,00
58,0000	MHz	80,00	72,00
65,0000	MHz	80,00	72,00
67,3333	MHz	80,00	72,00
78,6670	MHz	80,00	72,00
78,8583	MHz	80,00	72,00
89,1660	MHz	80,00	72,00
90,0000	MHz	80,00	72,00
90,6260	MHz	80,00	72,00
90,6670	MHz	80,00	72,00
92,0000	MHz	80,00	72,00
93,3122	MHz	80,00	72,00
93,6670	MHz	80,00	72,00
93,7500	MHz	80,00	72,00
94,0000	MHz	80,00	72,00
94,5000	MHz	80,00	72,00
95,3333	MHz	80,00	72,00
95,6670	MHz	80,00	72,00
95,8333	MHz	80,00	72,00
95,9583	MHz	80,00	72,00
96,0000	MHz	80,00	72,00
96,5000	MHz	80,00	72,00
96,6670	MHz	80,00	72,00
97,0000	MHz	80,00	72,00
97,0937	MHz	80,00	72,00
97,3125	MHz	80,00	72,00
97,3330	MHz	80,00	72,00
97,3912	MHz	80,00	72,00
97,9375	MHz	80,00	72,00
98,0000	MHz	80,00	72,00
98,3720	MHz	80,00	72,00
99,1870	MHz	80,00	72,00
99,7500	MHz	80,00	72,00
99,7710	MHz	80,00	72,00
100,0000	MHz	80,00	72,00
100,1400	MHz	80,00	72,00
100,3540	MHz	80,00	72,00
101,0000	MHz	80,00	72,00
101,2500	MHz	80,00	72,00
101,7500	MHz	80,00	72,00
101,9370	MHz	80,00	72,00
102,0000	MHz	80,00	72,00
102,0600	MHz	80,00	72,00
102,5000	MHz	80,00	72,00
103,3333	MHz	80,00	72,00
103,5000	MHz	80,00	72,00
104,3750	MHz	80,00	72,00
105,6670	MHz	80,00	72,00
106,5000	MHz	80,00	72,00
107,6160	MHz	80,00	72,00
108,0000	MHz	80,00	72,00
112,0833	MHz	80,00	72,00
116,0000	MHz	80,00	72,00
116,5000	MHz	80,00	72,00
117,0000	MHz	80,00	72,00
123,0000	MHz	80,00	72,00
123,7500	MHz	80,00	72,00
125,5000	MHz	80,00	72,00
129,3000	MHz	80,00	72,00
129,4590	MHz	80,00	72,00
129,7500	MHz	80,00	72,00
133,3000	MHz	80,00	72,00
138,0000	MHz	80,00	72,00

7,5 ppm - Precision

		1 - 9	> 10
28,8000	MHz	110,00	99,00
38,6670	MHz	110,00	99,00
78,6670	MHz	110,00	99,00
84,0000	MHz	110,00	99,00
89,1667	MHz	110,00	99,00
90,0000	MHz	110,00	99,00
90,1667	MHz	110,00	99,00
90,4445	MHz	110,00	99,00
90,5833	MHz	110,00	99,00
90,6260	MHz	110,00	99,00
90,6670	MHz	110,00	99,00
92,0000	MHz	110,00	99,00
92,8330	MHz	110,00	99,00
93,2500	MHz	110,00	99,00
93,7500	MHz	110,00	99,00
93,9355	MHz	110,00	99,00
94,0000	MHz	110,00	99,00
95,7500	MHz	110,00	99,00
95,8500	MHz	110,00	99,00
95,9166	MHz	110,00	99,00
95,9583	MHz	110,00	99,00
96,0000	MHz	110,00	99,00
100,0000	MHz	110,00	99,00
101,0000	MHz	110,00	99,00
101,7500	MHz	110,00	99,00
103,5000	MHz	110,00	99.00
104,3550	MHz	110,00	99,00
105,6670	MHz	110,00	99,00
106,4947	MHz	110,00	99,00
106,5000	MHz	110,00	99,00
108,0000	MHz	110,00	99,00
111,0000	MHz	110,00	99,00
116,0000	MHz	110,00	99,00
117,0000	MHz	110,00	99,00
120,0171	MHz	110,00	99,00
120,8890	MHz	110,00	99,00
122,2500	MHz	110,00	99,00
123,6670	MHz	110,00	99,00
123,7500	MHz	110,00	99,00
125,2500	MHz	110,00	99,00
125,5000	MHz	110,00	99,00
126,0000	MHz	110,00	99,00
129,7500	MHz	110,00	99,00
133,3270	MHz	110,00	99,00
135,6670	MHz	110,00	99,00
138,0000	MHz	110,00	99,00
141,7010	MHz	110,00	99,00
44,5450	MHz/10ppm	88,00	79,20
91,1000	MHz/10ppm	99,00	89,10
93,6670	MHz/10ppm	99,00	89,10
100,140	MHz/10ppm	99,00	89,10
137,000	MHz/10ppm	99,00	89,10

FILTRES A QUARTZ MONOLITHIQUES

			1-9	> 10
10m7b	10 M 7 B	7 KHz	52,00	46,80
10m15a	10 M 15 A	15 KHz	52,00	46,80
10m30a	10 M 30 A	30 KHz	52,00	46,80
10m40a	10 M 40 A	40 KHz	52,00	46,80

FILTRES A SURFACE ONDULAIRE

OFW 369	38,9 MHz		75,00	67,50
S 611	479,5 MHz (18MHz/27MHz)		80,00	72,00

FILTRES CERAMIQUES

cda55	CDA 5,5 MHz	120 KHz	4,00	3,60
cda6	CDA 6,0 MHz		4,00	3,60
cda107	CDA 10,7 MHz		9,00	8,10
cfu455b	CFU 455 B	30 KHz	17,00	15,30
cfu455d	CFU 455 D	20 KHz	17,00	15.30
cfw455b	CFW 455 B	30 KHz	21,00	19,00
cfw455d	CFW 455 D	20 KHz	21,00	19,00
sfe45	SFE 4,5 MHz	120 KHz	4,00	3,60
sfe55	SFE 5,5 MHz	150 KHz	4,00	3,60
sfe6	SFE 6,0 MHz		4,00	3,60
sfe65	SFE 6,5 MHz	160 KHz	4,00	3,60
sfe105	SFE 10,52 MJA		6,00	5,40
sfe107h	SFE 10,7 H	110 KHz / 3dB	8,00	7,20
sfe107j	SFE 10,7 J	150 KHz / 3dB	5,50	4,95
sfe107ma5a	SFE 10,7MA5A10	280 KHz / 3dB	3,70	3,33
sfe107ma19	SFE 10,7MA19	(min. 350 KHz/3dB) (typ. 450 KHz/3dB)	5,50	4,95
sfh455b	SFH 455 B	30 KHz(avec delay korr.)	37,00	33,30
sfh455d	SFH 455 D	20 KHz "	37,00	33,30
sfw107	SFW 10,7 MA	220 KHz	10,00	9,00
tfs80	TFS 80 B	80 MHz	140,00	126,00
tps55	TPS 5,5 "		5,00	4,50

RESONATEURS DIELECTRIQUES

dr52	5,2 GHz		75,00	67,50
dr91	9,1 GHz		80,00	72,00
dr14	14 GHz		80,00	72,00

RESONATEUR COAXIAL CERAMIQUE

kr900	900 MHz (4x4mm)		52,00	46,80

Filtre Video H 316 LTM - 1919 QCD / 5VFQ 52,00 46,80

D I O D E S

ref.	Design.	Prix
AA 119	Germanium detection	2,50
BA 158	U_{RRM} = 600V / I_{FAV} = 1A	0,90
BA 159	U_{RRM} = 1000V / I_{FAV} = 1A	0,90
BA 243	Commutation rapide (VHF)	1,10
BA 282	" " (BA 283)	0,70
BA 379	PIN commut. --> BA 479 G	
BA 479 G	PIN commut. (~2W/1300 MHz/0,7 Ohm)	3,70
BA 479 S	PIN commut. (~2W/1300 MHz/0,5 Ohm)	4,50
BA 481	Schottky (pour melangeur/detec.) (F_{NF}~9dB/10 GHz)	7,00
BA 482	Commutation rapide (VHF) 35V/100mA	2,50
BA 595	PIN commut.(SHF) cms (SO 223)	6,50
BA 682	PIN " (UHF - 10W) mini melf / 35V / 100 mA	1,20
BAR 28	Schottky / I_F= 15mA / U_{RRM} = 70V / DO35	1,30
BAR 60	cms (SOT-143 Triple) PIN comm. 100V/100mA/ C_T<0,5pF	9,00
BAR 61	cms (SOT-143 Triple) PIN comm. 100V/100mA/ C_T<0,5pF	9,00
BAR 63-03W	cms (SOD-323) PIN comm. U_R=35V / I_F=100mA / C_T<0,25pF	3,70
BAR 64-04	cms (SOT23-double) PIN comm.U_R=200V/I_F=100mA/C_T<0,35pF	4,00
BAT 14-098	cms Schottky (pour melangeur/detec.) --> BAT 15-03W)	
BAT 15-098	cms ---> BAT 15-03W	
BAT 15-03W	cms Schottky (melang./detec.>10GHz) 4V/100mA/C_T<0,35pF	13,00
BAT 15-099	cms " (double) " " 4V/110mA/C_T<0,35pF	20,00
BAT 41	Schottky / V_{RRM}= 100V / I_F= 100 mA	0,80
BAT 48	" V_{RRM} = 40V / I_F= 350 mA	1,20
BAT 64-04	cms (SOT23-double) Schottky / 30V / 250 mA / C_T= 6 pF	2,20
BAT 66-05	cms (SOT223-double) Schottky / 40V / 2 A / C_T= 40 pF	5,50
BAV 21	Silicium / 250V / 250 mA	0,80
BAW 56	cms (double - 1x anode) 70V / 250mA	0,80
BB 105 B	UHF --> BB 505 B / BB 521 / BB 405	
BB 109 G	VHF 35pF/1V.....3pF/28V	4,00
BB 112	490pF/1V.....23pF/8,5V ($U_{Rmax.}$= 12 V)	7,00
BB 139	VHF 29pF/3V.....5,2pF/25V	5,00
BB 204 BL	Double 37-42pF/3V..... 2,5pF/30V	3,50
BB 204 GN	" 34-39pF/3V..... 2,5pF/30V	3,50
BB 205 B	UHF 1,8-2,5pF/28V.....18pF/1V	3,50
BB 212	Double 500-620pF/5V.....2,8pF/25V	20,00
BB 221	UHF/SHF 11pF/3V.....2,2pF/28V	4,00
BB 405 B	UHF 11pF/3V..... 2pF/28V	3,50
BB 409	VHF 31pF/2V.....3pF/28V	3,50
BB 505 B	UHF 1,8-2,5pF/28V.....>18pF/1V	3,70
BB 521	UHF/SHF 1,8-2,2pF...11pF/3V (freq.de coup.-24GHz)	3,70
BB 619	cms / UHF/SHF / 36-42pF/1V.....2,4-2,9/28V	4,00
BB 621	cms (mini melf) UHF/SHF 1,8-2,2pF/28V....11pF/3V	7,00
BB 640	cms / 62-76pF/1V..... 2,9-3,4pF/28V	3,70
BB 809	VHF 4-5pF/28V.....39-46pF/1V	3,70
BB 811	cms / UHF/SHF 0,85-1,2pF/28V.....7,8-9,8pF/1V	9,00
BB 833	cms / UHF/SHF 0,6-0,9pF/28V.....8,5-10pF/1V	3,70
BB 909	VHF 33pF/1V....3pF/28V	3,50
BBY 51	cms / UHF/SHF 6,2pF/1V....2,2pF/6V (max. 7V)	7,00
BBY 52	cms / UHF/SHF 2,5pF/1V....0,85pF/6V (max. 7V)	7,00
BY 255	Silicium 3 A / 1300V	1,60
BYS 21-45	Schottky 1A / 45V	3,70
BYS 26-45	**Schottky 3A / 45V**	6,70
BYV 10-40	Schottky 1A / 40V	3,70
GAO 20 mW	Gunndiode Pout= 20 mW	130,00
HP5082-2800	Schottky / detection/melangeur/ V_{BR}=70V / C_T=2pF	8,00
~~HP5082-2810~~	~~" " " V_{BR}=20V / C_T=1,2pF~~	~~15,00~~
LL 101	cms / Schottky / U_{RRM}= 60V / I_F= 100 mA	1,50
LL 4148	cms (mini melf) / V_R= 75V / I_F=150 mA (1N4148)	0,40
SM 4001	cms " / 300 V / 1 A (1N4001)	0,60
TAZ 16	Transient Suppressor Z-Diode (P 6 KE 15) 15V	3,30
1 N 3889	Silicium 12 A	15,00
1 N 4001..7	" 1 A /100V....1000V	0,40
1 N 4148	Commutation rapide 75 V / 150 mA	0,40
1 N 4448	" " 75 V / 100 mA	0,40
1 N 5408	Silicium 3 A / 1000V	1,90

UT 85 - O - 2,2 mm = 0,55 FF / cm - 1m = 52 FF
UT 141 - O - 3,58 mm = 0,55 FF / cm - 1m = 52 FF

Packet Radio 70cm Packet Radio 70cm Packet Radio 70cm

à large bande TRX de DL 2 ZBN et DL 8 AAU , largeur de bande : 200kHz
76,8 - 115,2 kbaud , large bande de modulation : 100 - 80000 Hz

émetteur TX - Kit , Pout = 10 mW	74x111x30	296,00 FF
récepteur RX - Kit , FNF ~ 2 dB	74x111x30	648,00 FF
ampli. PA - Kit - Pout = 7 W (max. 10W)	74x111x30	462,00 FF
RX - TX - PA - Kits complet		1280,00 FF

Packet Radio 23cm Packet Radio 23cm Packet Radio 23cm

Kit-Interlink TRX I (RX+TX) Pout - 1W (sans TX-Quartz)	162x102x30	999,00 FF
Kit-Interlink IIIB TX / Pout - 10-20 mW	" 55x111x30	300,00 FF
Kit-Interlink IIIB RX / FNF ~ 2 dB	" 74x148x30	730,00 FF
Kit-Interlink IIIB PA - Pout ~ 1,5 W / Pin ~ 10 mW	37x111x30	530,00 FF
Kit-Interlink IIIB PA - Pout ~ 15 W / Pin ~ 15 W	55x111x30	800,00 FF
Quartz pour Interlink I ou IIIB		120,00 FF

ANALYSEUR 1... 1500 MHz de DF 9 IC Kit

etendue de dynamique - 60..70 dB / sensibilite = - 60...- 70 dBm	1100,00 FF
Kit - Convertisseur à large bande 1500...4500 MHz	680,00 FF

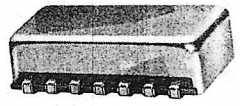
ATV 23cm ATV 23cm ATV 23cm ATV 23cm ATV 23cm

émetteur TX avec VCO - JTOS 1650 / Pout - min. 50 mW / Kit -	350,00 FF
" " " " complet	499,00 FF

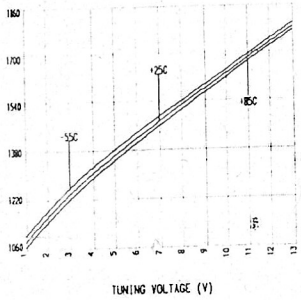
VCO - JTOS 1650

1,1 - 1,75 GHz

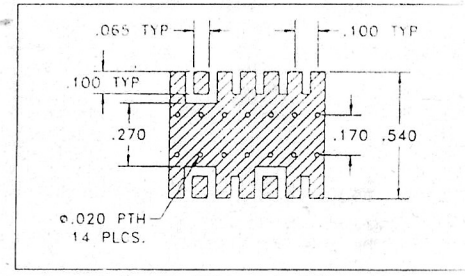
FF 170,00



FREQ VARIATION WITH TEMPERATURE



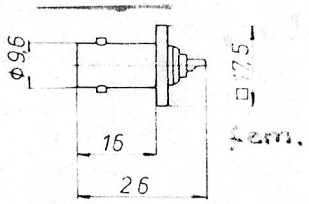
V-TUNE	FREQUENCY(MHz) -55°C	+25°C	+85°C
1.0	1106.73	1085.63	1067.20
2.0	1190.49	1170.27	1151.71
3.0	1267.65	1246.62	1228.18
4.0	1336.40	1315.12	1297.10
5.0	1394.36	1375.44	1358.98
6.0	1452.60	1434.07	1417.73
7.0	1508.07	1490.42	1475.01
8.0	1561.32	1546.49	1531.62
9.0	1615.27	1601.08	1587.11
10.0	1665.66	1652.87	1641.11
11.0	1719.10	1706.95	1695.58
12.0	1772.48	1758.82	1747.06
13.0	1822.76	1809.17	1797.64



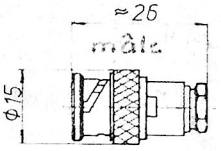
Suggested top side PCB layout for JTOS models (connection to the VCO on top side not shown). Bottom side should be left as a continuos ground plane.

Pin-Belegung / pin connections

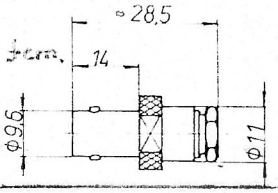
RF out - 13
V-CC - 2
V-tune - 5
GND Ext - 1,3,4,6,7,8,9,10,11,12,14



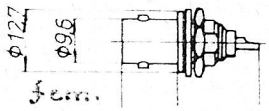
BNC 10,-



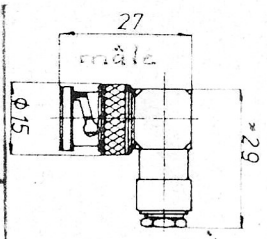
pour RG 58 - 10,-
pour RG 174
RG 188
22,-



17,-
RG 58

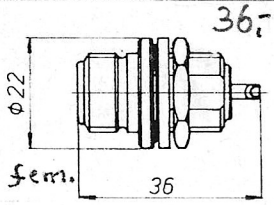


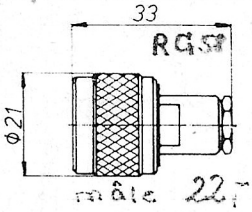
9,-



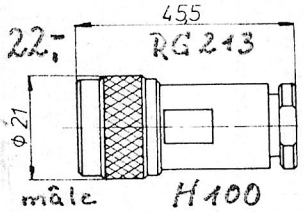
pour RG 58
27,50

N

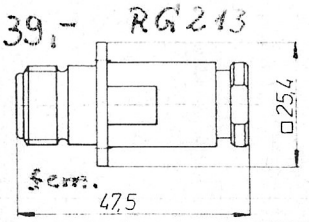


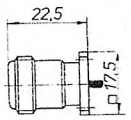


22,-

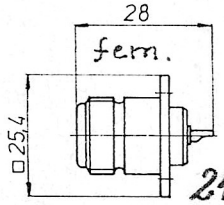


H 100

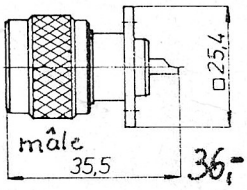




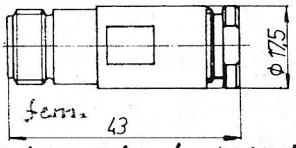
34,-
fem.
precision
18GHz



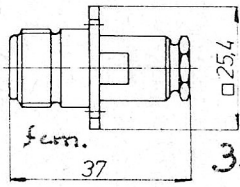
21,-



36,-

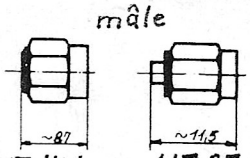


RG 58 31,- / RG 213 30,-

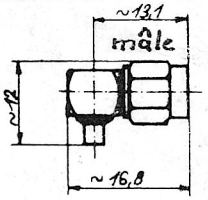


39,-

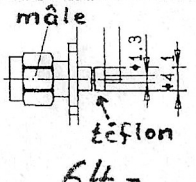
SMA



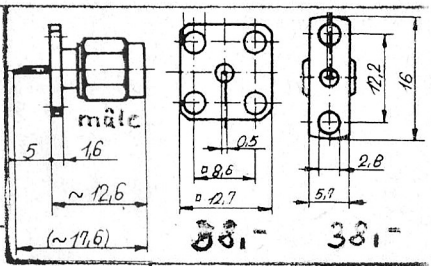
UT 141
19,-
UT 85
19,-



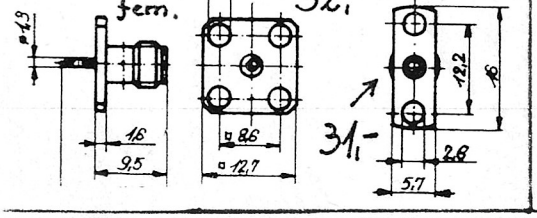
UT 85
37,-
UT 141
37,-



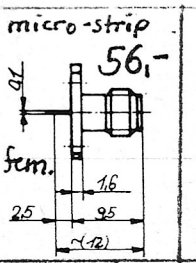
64,-



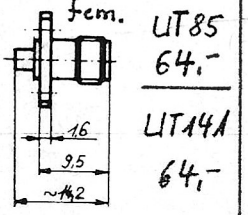
38,- 38,-



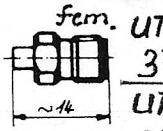
32,-
31,-



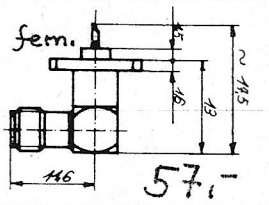
56,-



UT 85
64,-
UT 141
64,-

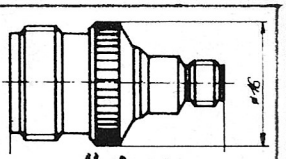


UT 85
37,-
UT 141
34,-

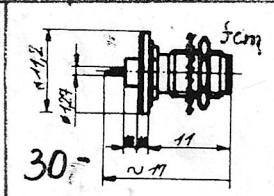


57,-

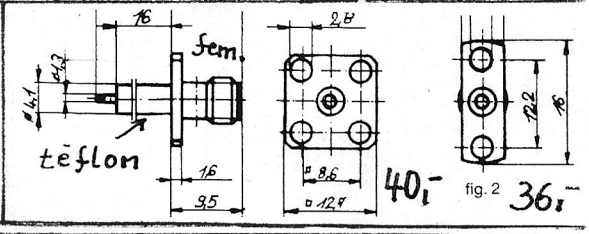
ADAPT.



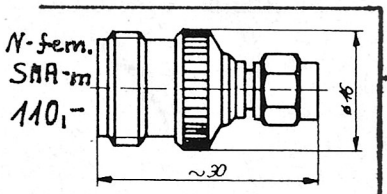
N-fem.
SMA-fem.
110,-



30,-



40,- fig. 2 36,-



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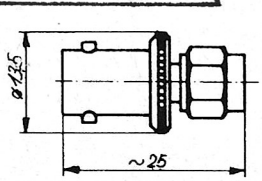
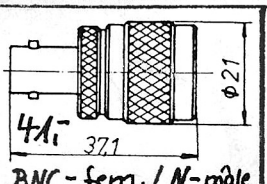
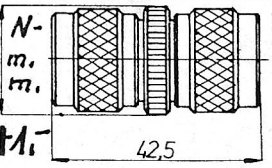


BNC-fem.
SMA-mâle
95,-



41,-
BNC-fem./N-mâle



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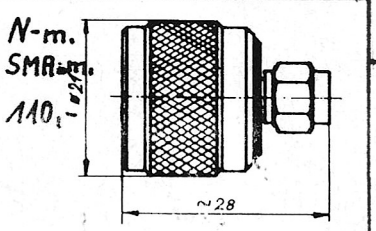

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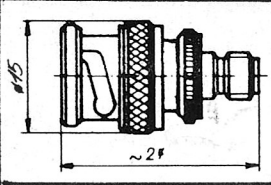
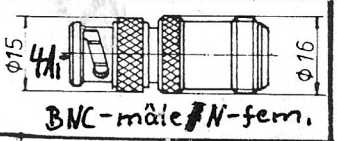
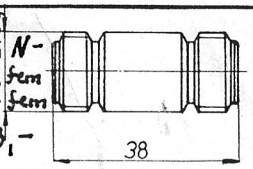


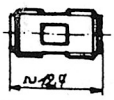
BNC-m.
SMA-fem.
95,-



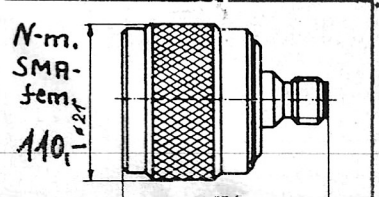
41,-
BNC-mâle/N-fem.



33,-



SMA-fem.
SMA-fem.
54,-



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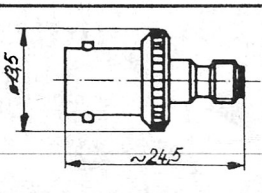

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SMA-fem.
95,-

SMA-mâle/mâle

68,-