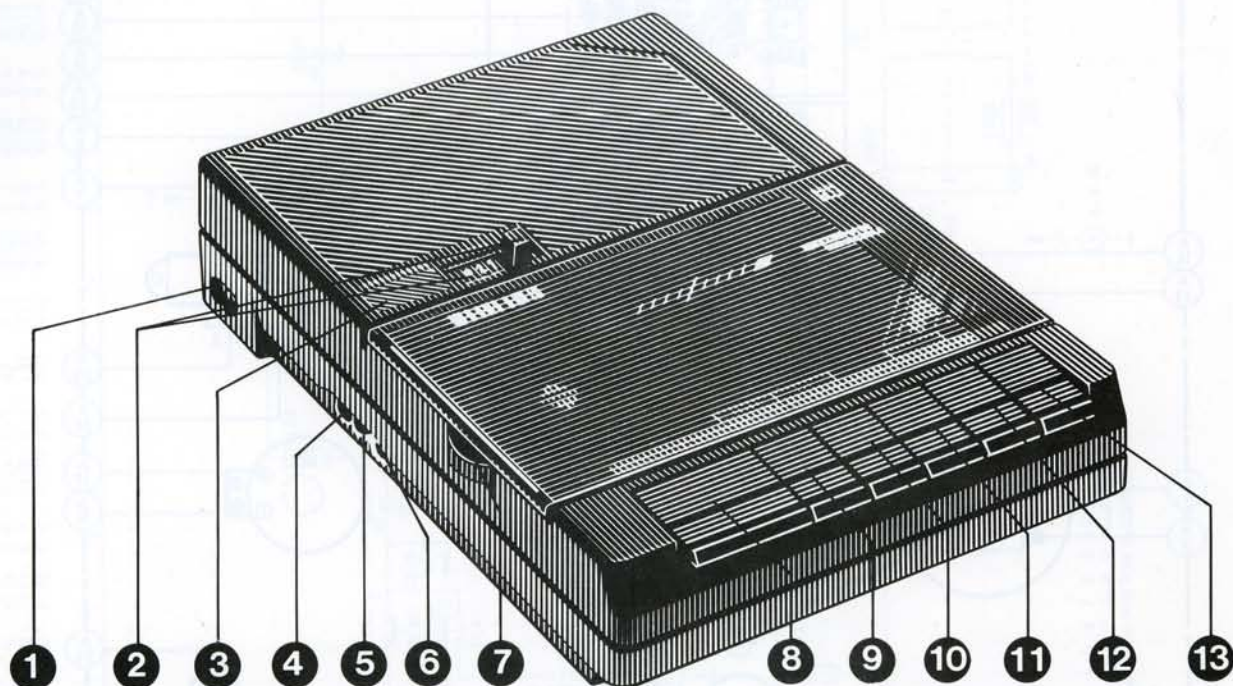


Service Service Service

For repair information of the cassette mechanism see
Service Manual of "Recorders tape deck RT-1" and
"Recorders tape deck RT-30".




Service Manual



37 579 A12



CONNECTIONS AND CONTROLS

1		"Mains inlet"	BU1/SK1	8		"Record"	SK101-SK-2
2		"Tape counter"		9		"Rewind/Review"	SK-2
3		"Electrec mic"	Mi101	10		"Fast forward/cue"	SK-2
4		"Headphone/line out"	BU104	11		"Play"	SK-2
5		"Remote"	BU103	12		"Stop/eject"	SK-2
6		"Line in/Ext. mic"	BU102	13		"Pause"	SK-2
7		"Volume"	R118				

SPECIFICATIONS



: 6 V (4x R14)



: 220 V, 50/60 Hz

Frequency response : 250-6300 Hz within 8 dB

Tape speed : 4.76 cm/sec \pm 3%

Wow and flutter : \leq 0.35%

Input sensitivity : 1 mV/1 k Ω
BU102

Adjustment	Cassette	Recorder in position	Measure on	Read on	Adjust with	Adjust to
Play back speed	3150 Hz of SBC420*	PLAY	BU-104	Wow- and flutter meter	Preset in motor	**a
Azimuth R/P head	8 kHz of SBC420*	PLAY	BU-104	mV-meter	Left screw R/PB head	Max. output

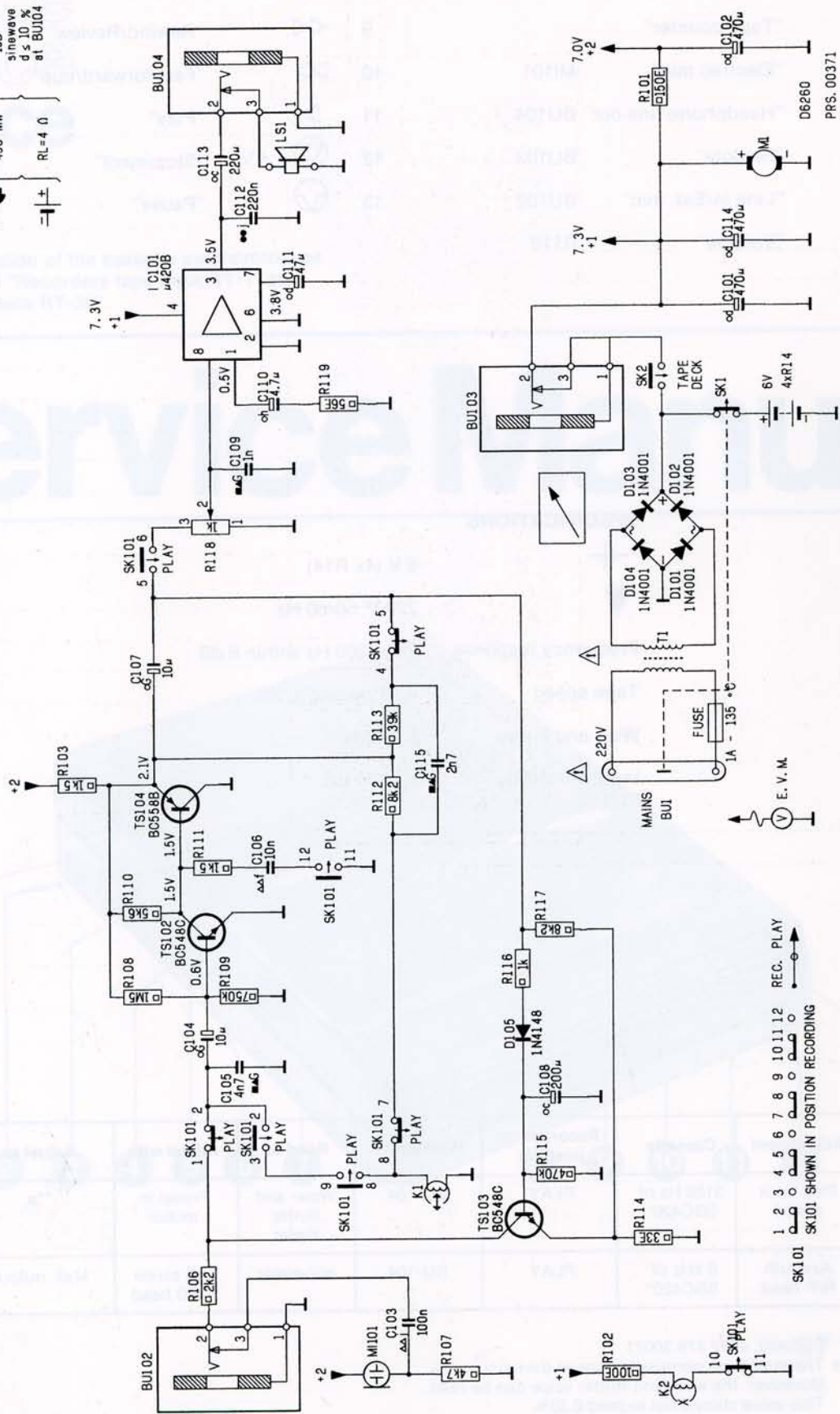
* SBC420: 4822 379 30071.

**a The maximum permissible speed deviation is 3%.
Moreover, the wow-and-flutter value can be read.
This value should not exceed 0.35%.

BU1 F 6 C101 F 9 C106 C 5 C110 C 9 C114 F10 D103 F 8 K1 D 3 R101 F11 R107 D 1 R111 B 5 R115 E 3 R119 C 9 SK101 B 3 SK101 D 7 TS103 D 2
 BU102 B 1 C102 F 1 C107 B 6 C111 C 9 C115 D 6 D104 F 7 K2 F 1 R102 E 1 R108 B 4 R112 D 5 R116 E 4 SK2 F10 SK101 D 3 SK101 C 5 TS104 B 5
 BU103 F 8 C103 D 2 C108 E 3 C112 B10 D101 F 7 D105 E 4 LSI C11 R103 A 6 R109 B 4 R113 D 6 R117 E 5 SK1 F 9 SK101 C 2 T1 F 7
 BU104 B11 C105 B 4 C109 B 8 C113 B10 D102 F 8 IC101 B 9 M1 G10 R106 B 2 R110 B 5 R114 F 2 R118 B 7 SK101 F 1 TS102 B 4

-1dB
 sine wave
 $d \leq 10\%$
 at BU104

450 MW
 $RL = 4 \Omega$



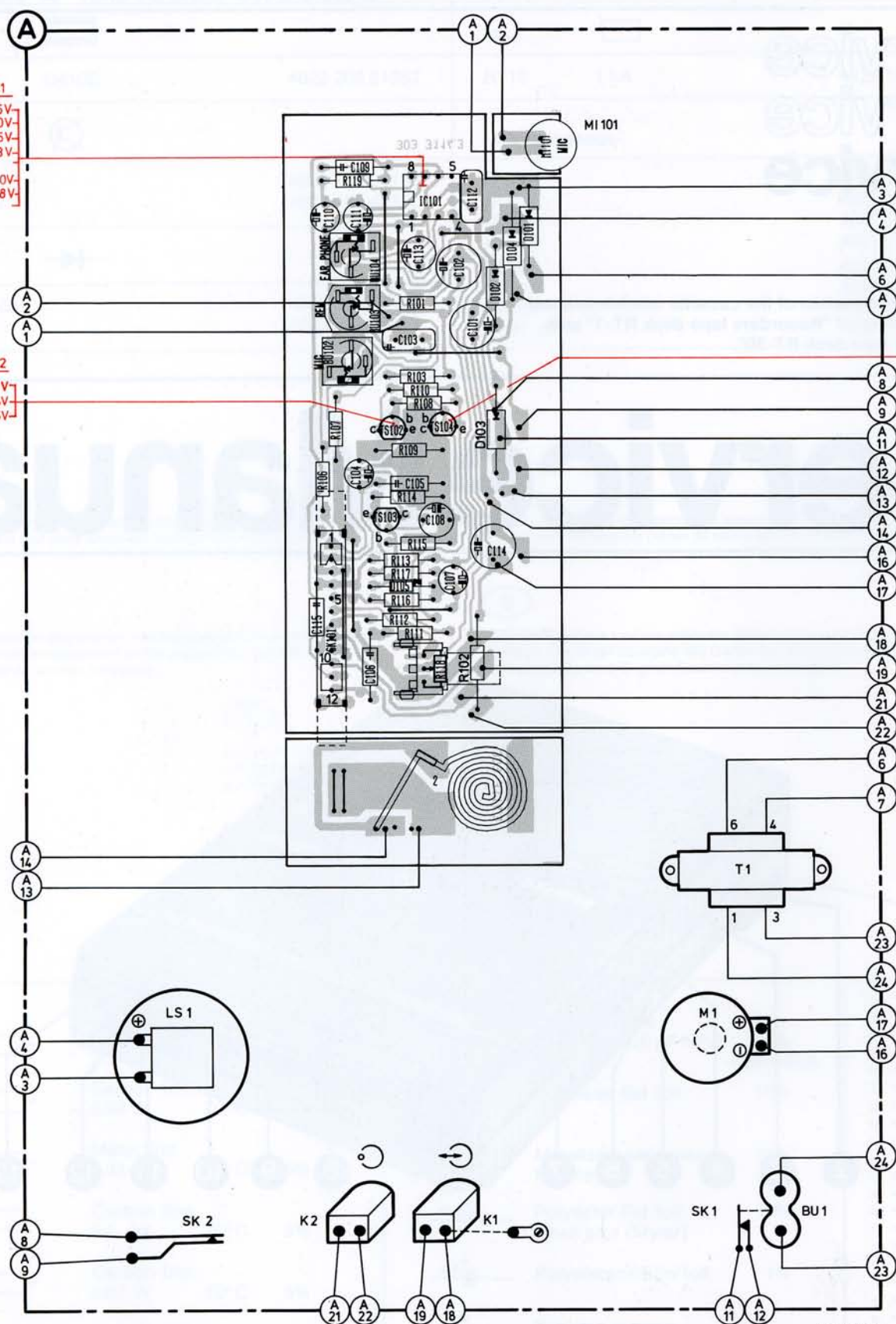
1 2 3 4 5 6 7 8 9 10 11 12 REC. PLAY
 SK101 SK101 SHOWN IN POSITION RECORDING

D6260
 PRS. 00371
 DRA. AAI
 16-4-84
 T02

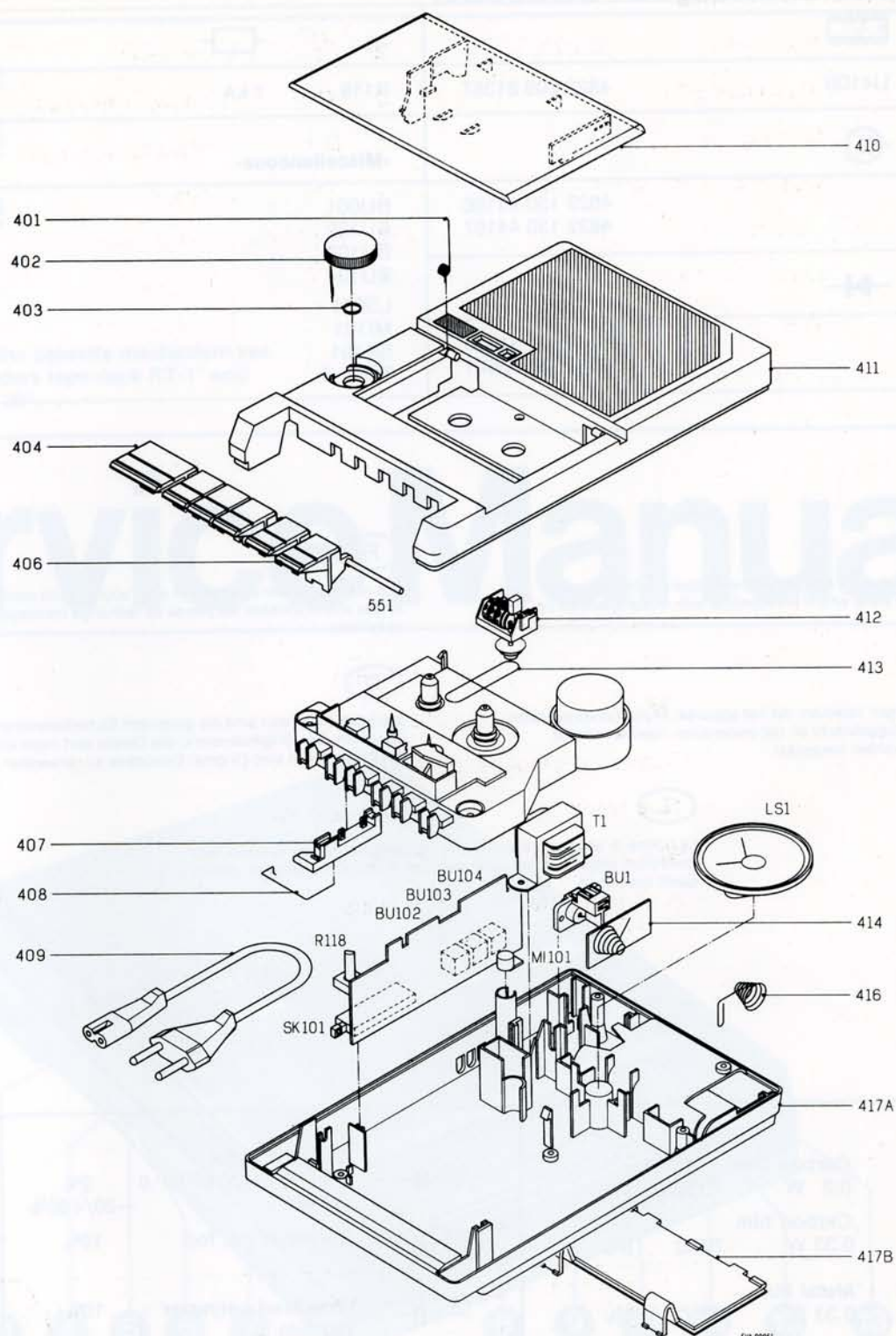
IC101
1 = 0.5V
2 = 0V
3 = 3.5V
4 = 7.3V
5 = 0V
6 = 0V
7 = 3.8V
8 =

TS102
e = 0V
b = 0.6V
c = 1.5V






TS104
e = 2.1V
b = 1.5V
c = 0V



37 712 C12



401	4822 492 41246
402	4822 413 41214
403	4822 492 51374
404	4822 413 31259
406	4822 413 41215
407	4822 403 52322
408	4822 492 41247
409	4822 321 10105 ⚠
410	4822 443 61502 /00
410	4822 443 61535 /18
411	4822 443 30591
412	4822 349 50212
413	4822 358 30463
414	4822 492 63001
416	4822 492 51231
417	4822 443 50593

-IC- 			-R- 		
IC101	U410B	4822 209 81367	R118	1 kA	4822 100 20143
-TS- 			-Miscellaneous-		
BC548C		4822 130 44196	BU001		4822 265 20207
BC558B		4822 130 44197	BU102		4822 267 30634
-D- 			BU103		4822 267 30635
			BU104		4822 267 30634
			LS001		4822 240 30123
			MI101		4822 242 10046
			SK101		4822 277 20657
1N4001G		4822 130 31438	T001 		4822 146 20997
1N4148		4822 130 30621			

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.

I


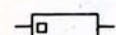




Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambio identici a quelli specificati.







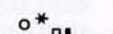

F

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

D

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden; für Reparaturen sind Original-Ersatzteile zu verwenden.

	Carbon film 0.2 W 70°C 5%
	Carbon film 0.33 W 70°C 5%
	Metal film 0.33 W 70°C 5%
	Carbon film 0.5 W 70°C 5%
	Carbon film 0.67 W 70°C 5%
	Carbon film 1.15 W 70°C 5%
© Chip component	

	Ceramic plate Tuning ≤ 120 pF NP.0 2% Others -20/+80%
	Polyester flat foil 10%
	Metalized polyester flat film 10%
	Polyester flat foil small size (Mylar) 10%
	Polysterene film/foil 1%
	Tubular ceramic
	Miniature single
	Subminiature tantalum $\pm 20\%$

*a = 2,5 V
b = 4 V
c = 6,3 V
d = 10 V
e = 16 V
f = 25 V
g = 40 V
h = 63 V
j = 100 V
l = 125 V
m = 150 V
n = 160 V
q = 200 V
r = 250 V
s = 300 V
t = 350 V
u = 400 V
v = 500 V
w = 630 V
x = 1000 V
A = 1,6 V
B = 6 V
C = 12 V
D = 15 V
E = 20 V
F = 35 V
G = 50 V
H = 75 V
I = 80 V