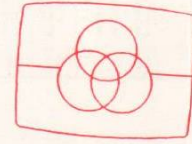


Stereo radio recorder D7254/00/05

Service Service Service



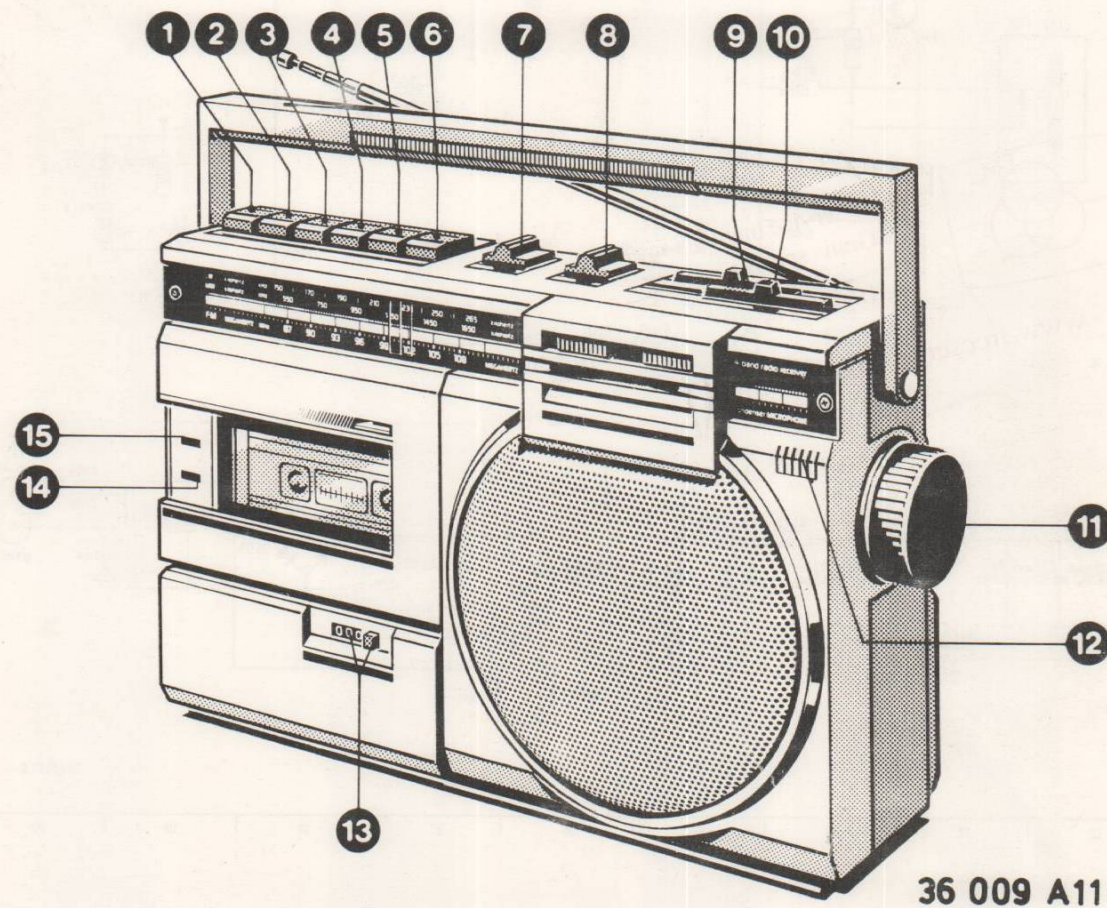
Free service manuals
Gratis schema's

Digitized by

www.freesevicemanuals.info

For repair information of the cassette mechanism see
Service Manual of "Recorders tape deck RT-1 and
RT-39"

Service Manual



36 009 A11

SPECIFICATION

	: 9 V (6 x R20)
	: /00 220 V 50 Hz
	: /05 240 V 50 Hz
	: 2000 mW $d \leq 10\% \pm 1$ dB
Tape speed	: 4.76 cm/sec. $\pm 3\%$
Wow and flutter	: $\leq 0.35\%$

Frequency range (within 8 dB)	: 250-6300 Hz
IF-AM	: 468 kHz
IF-FM	: 10.7 MHz
MW	: 520 kHz - 1605 kHz
LW	: 150 kHz - 255 kHz
FM	: 87.5 MHz - 108 MHz
SW	: 5.9 MHz - 17.9 MHz

	: 100 mV/100 k Ω
	: 0-3 V/22 Ω

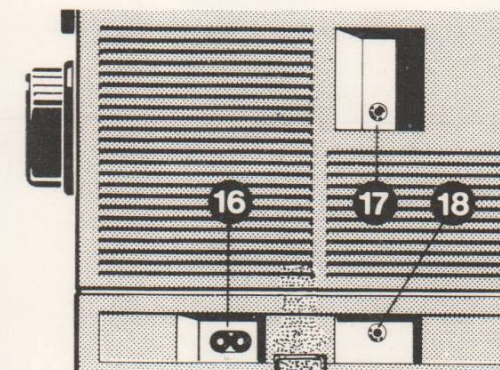
CONNECTIONS AND CONTROLS

1	„pause”		10	„volume”	R118
2	„play”	SK1	11	„tuning”	C6
3	„stop/eject”	SK1	12	„electret mic.”	Mi101
4	„fast forward”	SK1	13	„tape counter”	
5	„rewind”	SK1	14	„rec indicator”	D102
6	„record”	SK1	15	„power indicator”	D104
7 tape radio	„mode switch”	SK102	16	„mains”	BU103/SK103
8 SW,FM,MW,LW	„band switch”	SK2	17	„line in”	BU101
9	„tone”	R117	18	„line out”	BU102

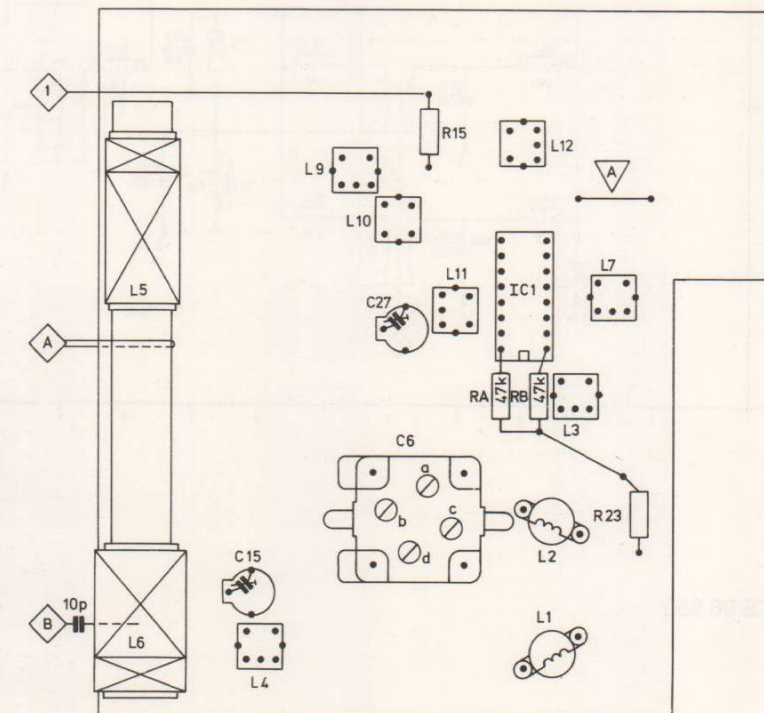
Adjustment	Cassette	Recorder in position	Apply signal to	Measure on	Read on	Adjust with	Adjust to
Play back speed	3150 Hz of SBC420*	PLAY	—	BU-102	Wow- and flutter meter	Preset in motor	**a
Azimuth R/P head	8 kHz of SBC420*	PLAY	—	BU-102	mV-meter	Left screw R/PB head	Max. output

* SBC420: 4822 397 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%.



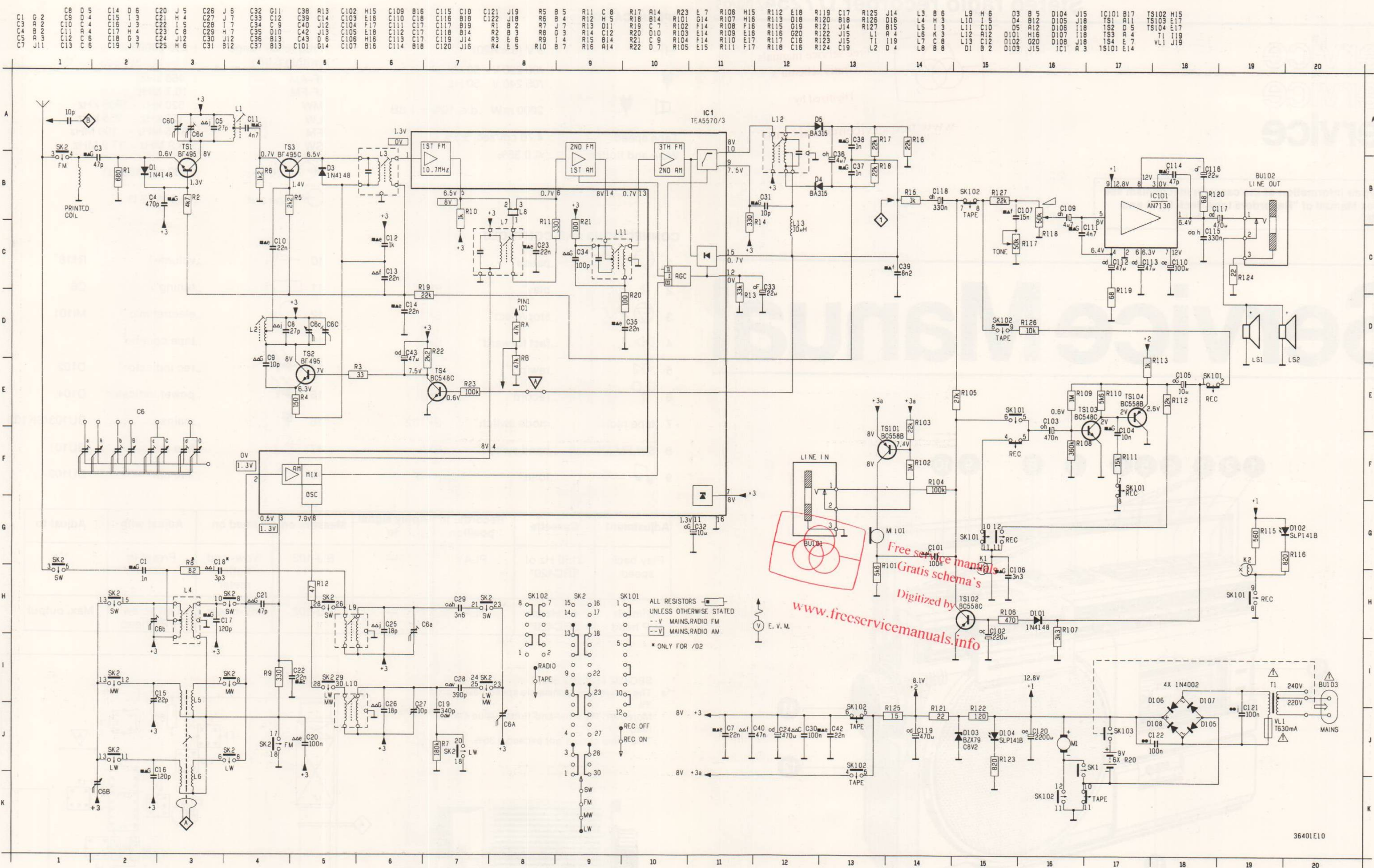
36 008 A11



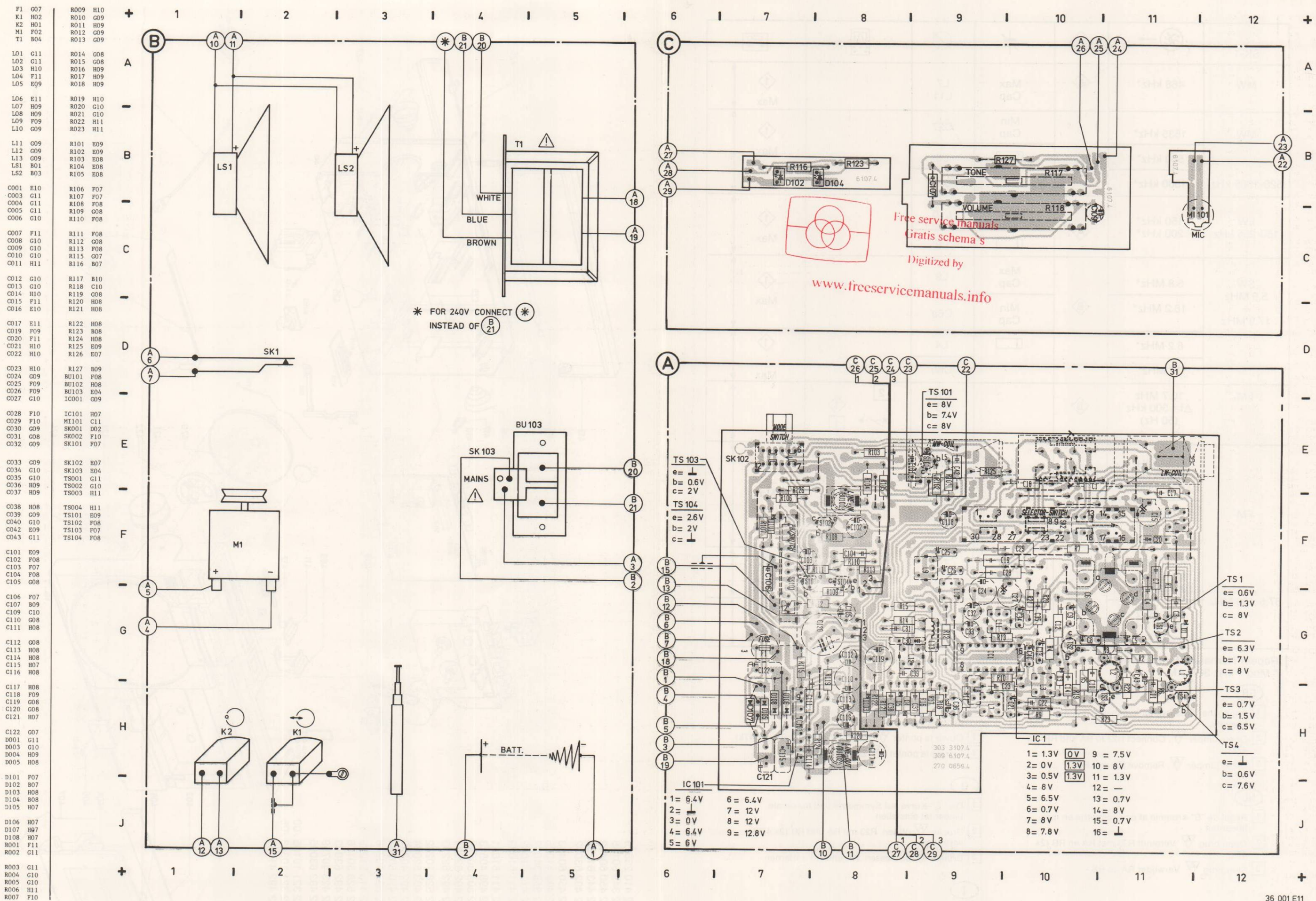
36237 B

CS 96 949





36401E10



SK-1						
MW	468 kHz*	A	Max Cap	L7 L11		1 Max
MW 520-1605 kHz	1635 kHz*	A	Min Cap	C27		1 Max
	560 kHz*			L5		
	1500 kHz*			C15		
LW 150-255 kHz	150 kHz*	A	Min Cap	L10		1 Max
	200 kHz*			L6		
SW 5.9 MHz ÷ 17.9 MHz	5.8 MHz*	B	Max Cap	L9		1 Max
	18.2 MHz*		Min Cap	C6a		
	6.2 MHz*			L4		1
	17 MHz*			C6b		Max
FM	10.7 MHz Δf= 300 kHz (50 Hz)	B		L12 L3	2 	1 1
FM 87.5-108 MHz	87.35 MHz Mod 1 kHz Δf= 22.5 kHz	B	Max Cap	L2		1 Max
	108 MHz Mod 1 kHz Δf= 22.5 kHz		Min Cap	C6c		
	87.35 MHz Mod 1 kHz Δf= 22.5 kHz		Max Cap	L1		1 Max
	108 MHz Mod 1 kHz Δf= 22.5 kHz		Min Cap	C6d	3	1 Max

↑ Repeat-Herhalen-Répéter-Wiederholen-Repetera-Ricomminiare-Gentage
* Mod 1 kHz 30% AM

GB

- 1 Adjust the "S"-curve for symmetry and max. linearity.
- 2 Open jumper . Connect R23 to RA and RB (2x 47k).
- 3 Close jumper . Remove RA and RB.

NL

- 1 Regel de "S"-kromme af op symmetrie en max. lineariteit.
- 2 Open brug Verbindt R23 met RA en RB (2x 47k).
- 3 Sluit brug Verwijder RA en RB.

F

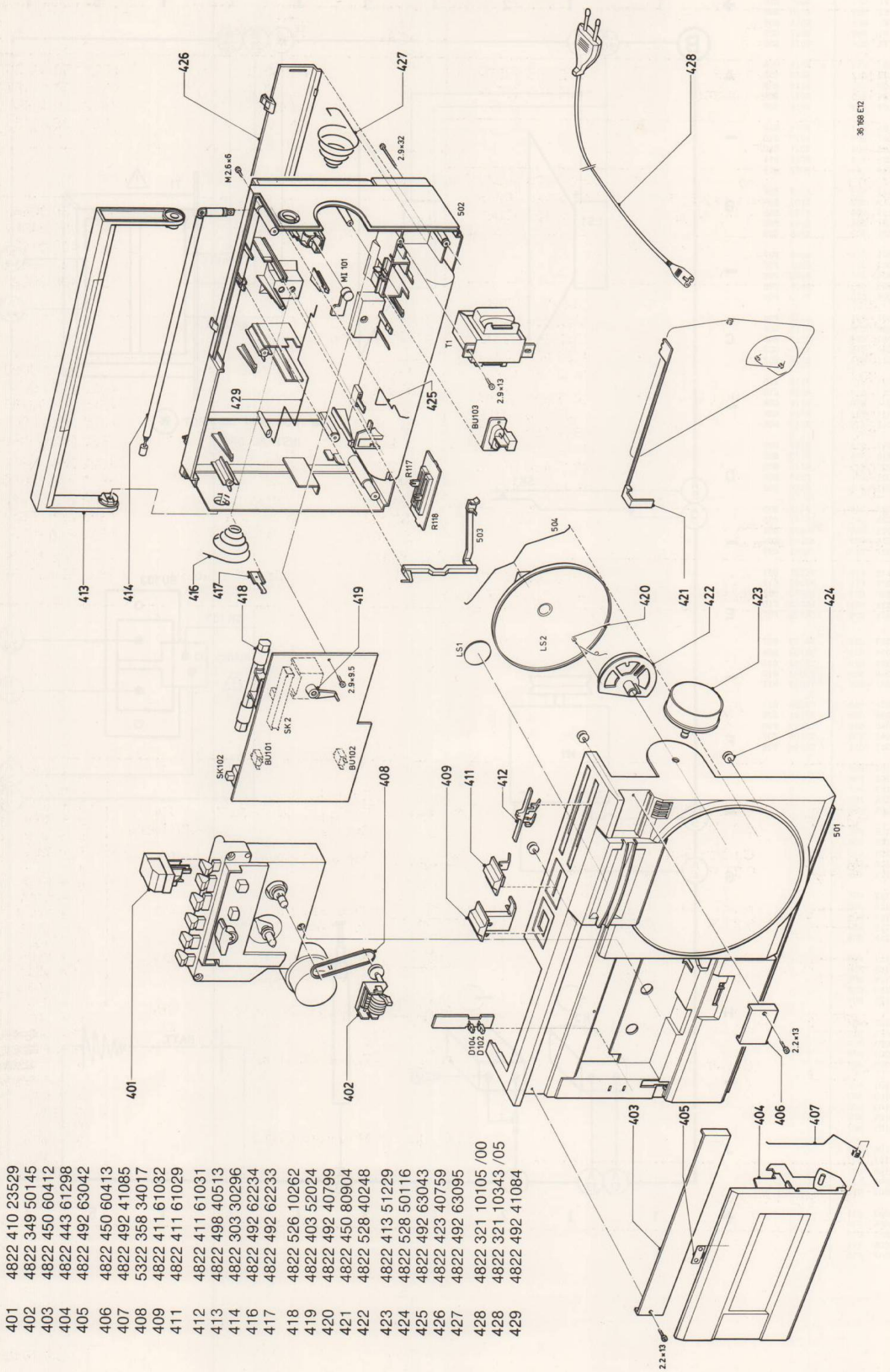
- 1 Adjuster la courbe en "S" pour un maximum de pente et de symétrie.
- 2 Ouvrir le pontet . Relier R23 à RA et RB (2x 47k).
- 3 Fermer le pontet . Eliminer RA et RB.

D

- 1 Die "S"-Kurve auf Symmetrie und maximale Linearität einstellen.
- 2 Brücke öffnen. R23 mit RA und RB (2x 47k) verbinden.
- 3 Brücke schliessen. RA und RB entfernen.

I

- 1 Regolare per pendenza massima e per simmetria della curva ad "S".
- 2 Aprire il ponticello . Collegare R23 a RA e RB (2x 47k).
- 3 Chiudere il ponticello . Sopprimere RA e RB.



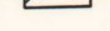
- 4822 410 23529
- 4822 349 50145
- 403 4822 450 60412
- 404 4822 443 61298
- 405 4822 492 63042
- 406 4822 450 60413
- 407 4822 492 41085
- 408 5322 358 34017
- 409 4822 411 61032
- 411 4822 411 61029
- 412 4822 411 61031
- 413 4822 498 40513
- 414 4822 303 30296
- 416 4822 492 62234
- 417 4822 492 62233
- 418 4822 526 10262
- 419 4822 403 52024
- 420 4822 492 40799
- 421 4822 450 80904
- 422 4822 528 40248
- 423 4822 413 51229
- 424 4822 528 50116
- 425 4822 492 63043
- 426 4822 423 40759
- 427 4822 492 63095
- 428 4822 321 10105 /00
- 428 4822 321 10343 /05
- 429 4822 492 41084

-R- 			-TS- 		
R117	50k Tone	4822 105 10572	BC548C 4822 130 44196		
R118	50k Volume	4822 105 10572	BC558B 4822 130 44197		
-C- 			BF495 4822 130 40947		
C006	Varco	4822 125 30039	-D- 		
C015	Trim cap 20 pF	4822 125 50045	BA315 4822 130 30843		
C027	Trim cap 10 pF	4822 125 50062	BZX79-B8V2 4822 130 34382		
-L- 			SLP141B 4822 130 31191		
L001		4822 156 30947	1N4002 4822 130 30684		
L002		4822 156 30947	1N4148 4822 130 30621		
L003		4822 267 50349	-Miscellaneous-		
L004		4822 156 30811	F001 TR5-T630 mA 4822 253 20089		
L007		4822 156 10737	BU101 Line in 4822 267 30263		
L008	Cer. filter 10.7 MHz	4822 242 70249	BU102 Line out 4822 267 30263		
L009		4822 156 10689	BU103 Mains 4822 265 20207		
L010		4822 156 10687	LS001 AD4072X4 4822 240 40083		
L011		4822 156 10737	LS002 Tweeter 4822 280 10159		
L012		4822 156 10686	MI101 4822 242 10046		
L013		4822 157 51462	SK002 Band switch 4822 277 20949		
-IC- 			SK101 Rec switch 4822 277 20657		
AN7130 4822 209 82413			SK102 Mode switch 4822 277 20951		
TEA5570 4822 209 81563			T001 4822 146 10054		
			— Scale self adhesive 4822 333 50639		

Free service manuals
Gratis schema's

Digitized by

www.freesevicemanuals.info

	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

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.

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.

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.