

This Manual is provided by
CBTricks.com

Someone who wanted to help you repair your equipment
scanned this manual.

If you would like to help us put more manuals online support us.

Supporters of CBTricks.com paid for the hosting so you would have this file.

CBTricks.com is a non-commercial personal website was created to help promote the exchange of service, modification, technically oriented information, and historical information aimed at the Citizens Band, GMRS (CB "A" Band), MURS, Amateur Radios and RF Amps.

CBTricks.com is not sponsored by or connected to any Retailer, Radio, Antenna Manufacturer or Amp Manufacturer, or affiliated with any site links shown in the links database. The use of product or company names on my web site is not endorsement of that product or company.

If your company would like to provide technical information to be featured on this site I will put up on the site as long as I can do it in a non-commercial way.

The site is supported with donation from users, friends and selling of the Galaxy Service Manual CD to cover some of the costs of having this website on the Internet instead of relying on banner ads, pop-up ads, commercial links, etc. to pay my costs. Thus I do not accept advertising banners or pop-up/pop-under advertising or other marketing/sales links or gimmicks on my website.

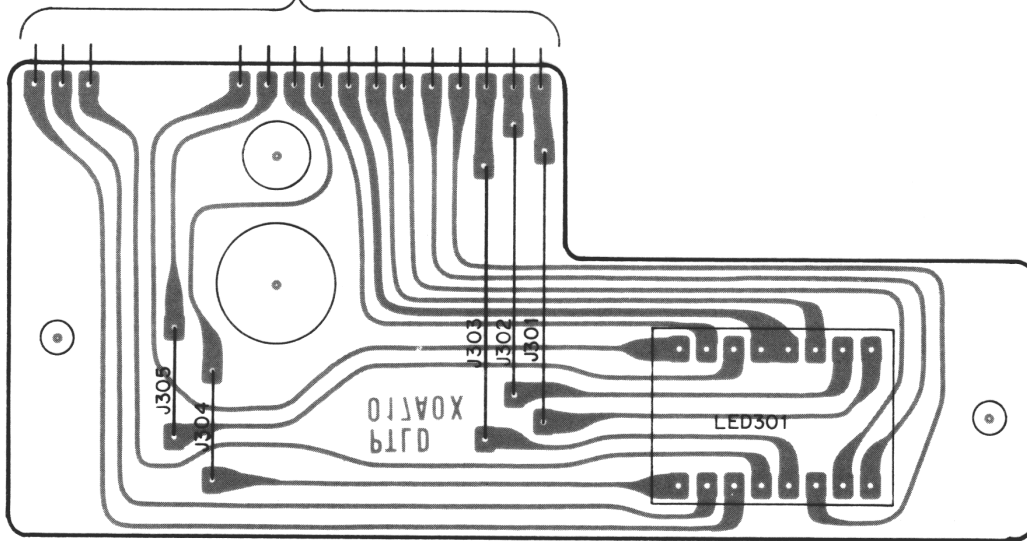
ALL the money from donations is used for CBTricks.com I didn't do all the work to make money (I have a day job). I all didn't do all this work for someone else to make money also, for example the ebay CD sellers.

All Trademarks, Logos, and Brand Names are the property of their respective owners.
This information is not provided by, or affiliated in any way with any radio or antenna Manufacturers.
Thank you for any support you can give.

**LED P.C. Board
Component Outline, Model 2702**

TO CHANNEL SELECTOR
P.C. BOARD

EO-2702-A-106



NOTES:

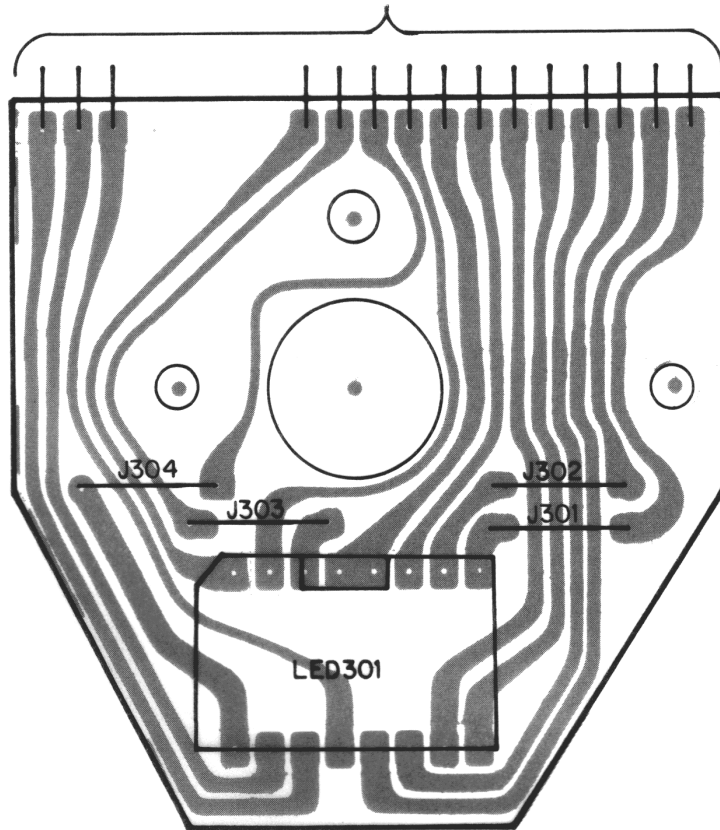
P.C. board shown as viewed from component side.

Figure 4-3. LED P.C. Board Component Outline, Model 2702

**LED P.C. Board
Component Outline, Model 2703**



TO CHANNEL SELECTOR P.C. BOARD



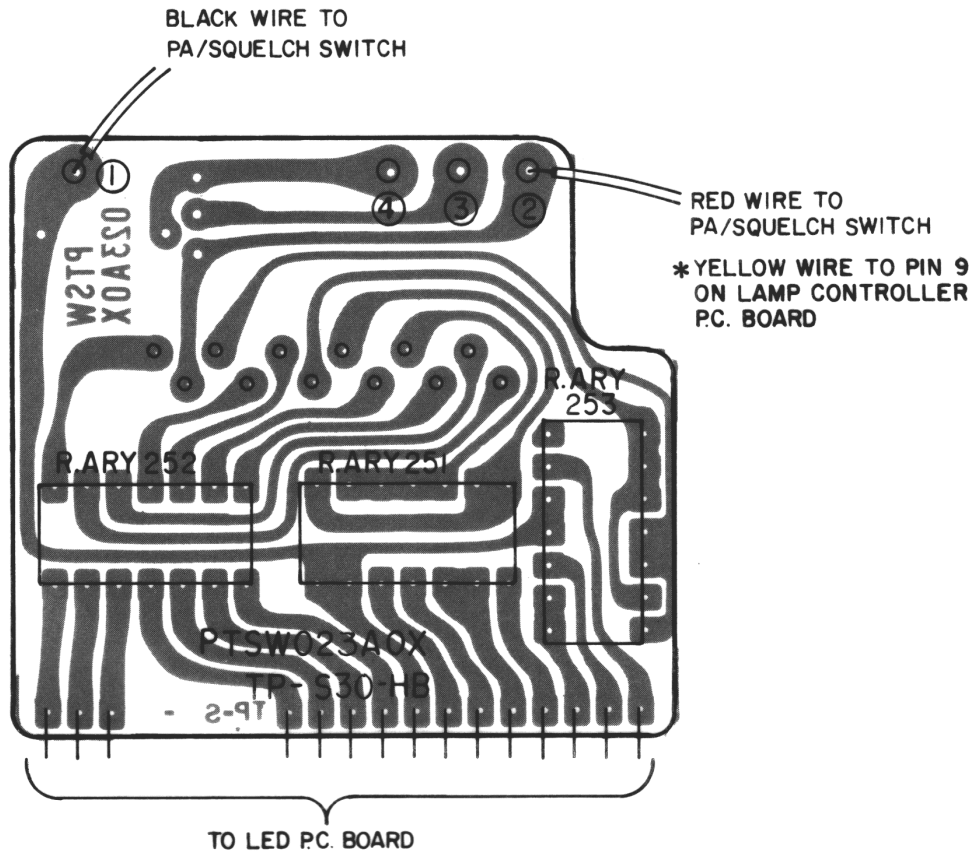
NOTES:

P.C. board shown as viewed from the component side.

Figure 4-4. Led P.C. Board Component Outline, Model 2703

**Switch P.C. Board
Component Outline**






NOTES:

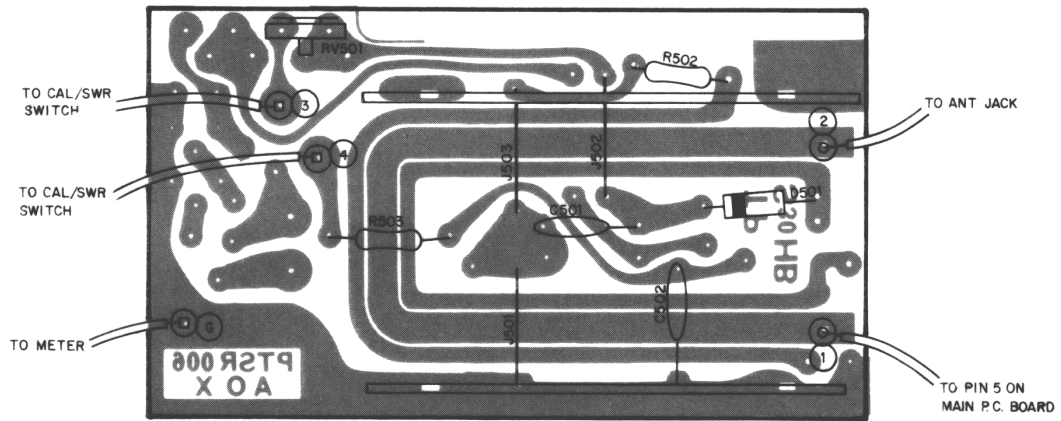
P.C. board shown as viewed from component side.

* Refers to 2703 only

Figure 4-5. Switch P.C. Board Component Outline

**SWR P.C. Board
Component Outline, Model 2703**





NOTES:
P.C. board shown as viewed from the component side.

Figure 4-6. SWR P.C. Board Component Outline, Model 2703

Parts List

Main P.C. Board

□ - model 2702 only

■ - model 2703 only

Unmarked components are common to both models.

Reference Designator	Description	Part No.
	□ main p.c. board, complete	AP-TBM051CT
	■ main p.c. board, complete	AP-TBM051FT
	main p.c. board, plated and drilled	PT-BM051AOX
C1	.1uF, 10V, arox	CD-A1A0R1ME
C2	10uF, 16V, electrolytic	CE-ED100ZMN
C3	.22uF, 10V, arox	CD-A1AR22ME
C4	68pF, 50V, ceramic	CC-CB680KPM
C5	.01 uF, 50V, ceramic	CK-CB103PEM
C6	22pF, 50V, ceramic	CC-CB220KPM
C7	330pF, 50V, ceramic	CC-CB331KOM
C8	150pF, 50V, ceramic	CC-CB151KOM
C9	.047uF, 50V, ceramic	CK-CB473ZFM
C10	47pF, 50V, ceramic	CC-CB470KOM
C11	47uF, 10V, electrolytic	CE-EC470ALN
C12	18pF, 50V, ceramic	CC-CB180KPM
C13	1000pF, 50V, mylar	CQ-MB102KCH
C14	68pF, 50V, ceramic	CC-CB680KOM
C15	.01uF, 50V, ceramic	CK-CB103PEM
C16	not used	
C17	47pF, 50V, ceramic	CC-CB470KPM
C18	1uF, 50V, electrolytic	CE-EG010ALN
C19	1000pF, 50V, mylar	CQ-MB102KCH
C20	1000pF, 50V, mylar	CQ-MB102KCH
C21	1000pF, 100V, styroflex	CQ-SC102KEF
C22	2pF, 50V, ceramic	CC-CB020COM
C23	7pF, 50V, ceramic	CC-CB070DOM
C24	33pF, 50V, ceramic	CC-CB330KPM
C25	4pF, 50V, ceramic	CC-CB040CPM
C26	330F, 100V, styroflex	CQ-SC331KEF
C27	390pF, 50V, ceramic	CK-CB391KBM
C28	.01uF, 50V, ceramic	CK-CB103PEM
C29	68pF, 50V, ceramic	CC-CB680KOM
C30	56pF, 50V, ceramic	CC-CB560KOM
C31	.01uF, 50V, ceramic	CK-CB103PEM
C32	2pF, 50V, ceramic	CC-CB020COM
C33	.01uF, 50V, ceramic	CK-CB103PEM
C34	not used	
C35	68pF, 50V, ceramic	CC-CB680KOM
C36	.01uF, 50V, ceramic	CK-CB103PEM
C37	100pF, 50V, ceramic	CC-CB101KPM
C38	.01uF, 50V, ceramic	CK-CB103PEM
C39	.01uF, 50V, mylar	CQ-MB103KCH
C40	330pF, 50V, ceramic	CK-CB331KBM
C41	.01uF, 50V, ceramic	CK-CB103PEM
C42	120pF, 50V, ceramic	CC-CB121KOM
C43	220pF, 50V, ceramic	CC-CB221KOM
C44	120pF, 50V, ceramic	CC-CB121KOM
C45	.01uF, 50V, ceramic	CK-CB103PEM
C46	120pF, 50V, ceramic	CC-CB121KOM
C47	270pF, 500V, mica	CM-SD271KCS
C48	2pF, 500V, ceramic	CC-CE020COM
C49	.0047uF, 50V, ceramic	CK-CB472PEM
C50	1uF, 50V, electrolytic	CE-EG010ALN
C51	27pF, 50V, ceramic	CC-CB270KOM
C52	.01uF, 50V, ceramic	CK-CB103PEM
C53	.047uF, 50V, ceramic	CK-CB473ZFM
C54	.047uF, 50V, mylar	CQ-MB473KCH
C55	.047uF, 50V, ceramic	CK-CB473ZFM

Reference Designator	Description	Part No.
C56	.01uF, 50V, ceramic	CK-CB103PEM
C57	10pF, 50V, ceramic	CC-CB100DOM
C58	.01uF, 50V, ceramic	CK-CB103PEM
C59	.01uF, 50V, ceramic	CK-CB103PEM
C60	.01uF, 50V, ceramic	CK-CB103PEM
C61	.01uF, 50V, ceramic	CK-CB103PEM
C62	.01uF, 50V, ceramic	CK-CB103PEM
C63	1pF, 50V, ceramic	CC-CB020COM
C64	.01uF, 50V, ceramic	CK-CB103PEM
C65	18pF, 50V, ceramic	CC-CB180KPM
C66	2.2pF, 500V, minic	CG-2H2R2KNN
C67	.047uF, 50V, mylar	CQ-MB473KCH
C68	.047uF, 50V, mylar	CQ-MB473KCH
C69	.047uF, 50V, mylar	CQ-MB473KCH
C70	.047uF, 50V, mylar	CQ-MB473KCH
C71	.047uF, 50V, mylar	CQ-MB473KCH
C72	10uF, 16V, electrolytic	CE-ED100ALN
C73	6800pF, 50V, mylar	CQ-MB682KCH
C74	3.3uF, 25V, electrolytic	CE-EE3R3ALN
C75	4700pF, 50V, mylar	CQ-MB472KCH
C76	1uF, 50V, electrolytic	CE-EG010ALN
C77	100pF, 50V, ceramic	CC-CB101KOM
C78	47uF, 16V, electrolytic	CE-ED470ALN
C79	.022uF, 50V, mylar	CQ-MB223KCH
C80	2200pF, 50V, ceramic	CC-CB222KBM
C81	.022uF, 50V, mylar	CQ-MB223KCH
C82	220pF, 50V, ceramic	CC-CB221KOM
C83	.01uF, 50V, mylar	CQ-MB103KCH
C84	390pF, 50V, ceramic	CK-CB391KBM
C85	5.6uF, 25V, tantalum	CS-SE5R6MDN
C86	.47uF, 10V, arox	CD-A1AR47ME
C87	33uF, 6.3V, electrolytic	CE-EB330ALN
C88	68pF, 50V, ceramic	CC-CB680KOM
C89	68pF, 50V, ceramic	CC-CB680KOM
C90	470pF, 50V, ceramic	CK-CB471KBM
C91	.068uF, 50V, mylar	CQ-MB683KCH
C92	.022uF, 50V, ceramic	CK-CB223ZFM
C93	47uF, 16V, electrolytic	CE-ED470ALN
C94	220uF, 16V, electrolytic	CE-AD221ZLS
C95	.068uF, 50V, mylar	CQ-MB683KCH
C96	3.3uF, 25V, electrolytic	CE-EE3R3ALN
C97	47uF, 10V, electrolytic	CE-EC470ALN
C98	not used	
C99	47uF, 25V, electrolytic	CE-AE470ZLS
C100	1000uF, 16V, electrolytic	CE-ED102ZUN
C101	33uF, 6.3V, electrolytic	CE-EB330ALN
C102	.01uF, 50V, ceramic	CK-CB103PEM
C103 thru		
C105	not used	
C106	.047uF, 50V, ceramic	CK-CB473ZFM
C107	.047uF, 50V, ceramic	CK-CB473ZFM
C108 thru		
C109	not used	
C110	18pF, 50V, ceramic	CC-CB180KOM
C111	82pF, 50V, ceramic	CC-CB820KOM
C112	not used	
C113	.01uF, 50V, ceramic	CK-CB103PEM
C114	390 pF, 500V, ceramic	CC-CE391KOM
C115	18pF, 50V, ceramic	CC-CB180KOM
C116	not used	
C117	4700pF, 50V, ceramic	CK-CB472KBM
C118	.022uF, 50V, ceramic	CK-CB223ZFM
C119	not used	
C120	33uF, 16V, electrolytic	CE-ED330ALN
C121 thru		
C133	not used	

Reference Designator	Description	Part No.
C134	■ 3pF, 50V, ceramic	CC-CB030DOM
C135	■ 220pF, 50V, ceramic	CC-CB221KOM
C136	■ .0033uF, 100V, styroflex	CQ-SC332KEF
C137	■ .01uF, 50V, ceramic	CK-CB103PEM
C138	■ 220pF, 50V, ceramic	CC-CB221KOM
CF1	4 element ceramic filter	FB-R455A08M
CH1	choke coil	LJ-119H001Y
CT1	20pF, trimmer capacitor	CT-Z7200H01
D1	ITT410, silicon	QD-CTT410XQ
D2	MZ205, silicon, zener	QD-ZMZ205XE
D3	RD9.1E, silicon, zener	QD-ZRD9EXAA
D4	1S1555, silicon	QD-SS1555XT
D5	1N60, germanium	QD-G1N60XXT
D6	1S1555, silicon	QD-SS1555XT
D7	1S1555, silicon	QD-SS1555XT
D8	1N60, germanium	QD-G1N60XXT
D9	1N60, germanium	QD-G1N60XXT
D10	1S1555, silicon	QD-SS1555XT
D11	1S1555, silicon	QD-SS1555XT
D12	1S1555, silicon	QD-SS1555XT
D13	V06C, silicon	QD-SV06CXXB
D14	1S1885, silicon	QD-SS1885XT
D15	1S1555, silicon	QD-SS1555XT
D16	1S1555, silicon	QD-SS1555XT
D17	■ 1S1555, silicon	QD-SS1555XT
D18	■ 1N60, germanium	QD-G1N60XXT
D19	■ 1N60, germanium	QD-G1N60XXT
D20 thru		
D21	not used	
D22	■ 1S1555, silicon	QD-SS1555XT
IC1	PLL02A	QQ-OPLL02A0
IC2	TA7310P	QQ-MC3001AT
IC3	TA7310P	QQ-MC3001AT
IC4	BA521A	QQ-MB521AX
L1	rf coil, 18MHz	TR-10DD003S
L2	rf coil, 37MHz	TR-10MB003T
L3	rf coil, 68 uH, peaking	LF-680KD01N
L4	rf coil, 1 uH	LF-1R0KD01N
L5	□ rf coil, 27MHz	TR-10CB001M
L5	■ rf coil, 27MHz	TR-10CB002M
L6	rf coil, 2.2 uH, peaking	LF-2R2KD01N
L7	rf coil, 27MHz	TR-A5CZ001M
L8	rf coil, 68 uH, peaking	LF-680KD01N
L9	rf coil, .55 uH	LA-1KE1011A
L10	rf coil, 1.0 uH	LD-ADX3825M
L11	rf coil, 27MHz	TR-A5CZ002M
L12	rf coil, 27MHz	TR-A5CZ003M
L13	rf coil, .40 uH	LA-1JG1010A
L14	rf coil, 10.7MHz	TR-07MB008N
L15	rf coil, 68 uH, peaking	LF-680KD01N
L16	rf coil, .75 uH	LD-ADB4024B
L17	rf coil, .75 uH	LD-ADB4024B
Q1	2SC710DE	QT-C0710XEE
Q2	2SC710DE	QT-C0710XEE
Q3	2SC1687	QT-C1687XAN
Q4	2SC1846QRS	QT-C1846XAN
Q5	2SC1306	QT-C1306XZA
Q6	2SC1318QR	QT-C1318XDN
Q7	2SA719PQR	QT-A0719XHN

Reference Designator	Description	Part No.
Q8	2SC1047BC	QT-C1047XBN
Q9	2SC1359BC	QT-C1359XBN
Q10	2SC710D	QT-C0710XBE
Q11	2SC710D	QT-C0710XBE
Q12	2SC829BC	QT-C0829XEN
Q13	2SC828P	QT-C0828XAN
Q14	2SA7190	QT-A0719XAN
Q15	2SC945(L)PQ	QT-C0945LAA
Q16 thru		
Q21	not used in 2702	
Q16 thru		
Q17	not used in 2703	
Q18	■ 2SC829C	QT-C0829XBN
Q19	■ 2SA733PQ	QT-A0733XDA
Q20	■ 2SC1327TU	QT-C1327XAN
Q21	not used	
Q22	2SC900UE	QT-C0900XEA
R1	3.3k, 5%, ¼, carbon film	RD-25RJ332N
R2	470, 5%, ¼, carbon film	RD-25RJ471N
R3	22k, 5%, ¼, carbon film	RD-25RJ223N
R4	47k, 5%, ¼, carbon film	RD-25RJ473N
R5	68, 5%, ¼, carbon film	RD-25RJ680N
R6	680, 5%, ¼, carbon film	RD-25RJ681N
R7	27k, 5%, ¼, carbon film	RD-25RJ273N
R8	15k, 5%, ¼, carbon film	RD-25RJ153N
R9	1.5k, 5%, ¼, carbon film	RD-25RJ152N
R10	not used	
R11	82, 5%, ¼, carbon film	RD-25RJ820N
R12	2.2k, 5%, ¼, carbon film	RD-25RJ222N
R13	150, 5%, ¼, carbon film	RD-25RJ151N
R14	1M, 5%, ¼, carbon film	RD-25RJ105N
R15	47, 5%, ¼, carbon film	RD-25RJ470N
R16	100, 5%, ¼, carbon film	RD-25RJ101N
R17	5.6k, 5%, ¼, carbon film	RD-25RJ562N
R18	68, 5%, ¼, carbon film	RD-25RJ680N
R19	100, 5%, ¼, carbon film	RD-25RJ101N
R20	220, 5%, ¼, carbon film	RD-25RJ221N
R21	10, 5%, ½w, metal oxide film	RX-HAPJ100B
R22	68, 5%, ¼, carbon film	RD-25RJ680N
R23	47k, 5%, ¼, carbon film	RD-25RJ473N
R24	680, 5%, ¼, carbon film	RD-25RJ681N
R25	330, 5%, ¼, carbon film	RD-25RJ331N
R26	1k, 5%, ¼, carbon film	RD-25RJ102N
R27	680, 5%, ¼, carbon film	RD-25RJ681N
R28	47k, 5%, ¼, carbon film	RD-25RJ473N
R29	3.3k, 5%, ¼, carbon film	RD-25RJ332N
R30	100, 5%, ¼, carbon film	RD-25RJ101N
R31	1.8k, 5%, ¼w, carbon film	RD-25RJ182N
R32	560, 5%, ¼, carbon film	RD-25RJ561N
R33	470, 5%, ¼, carbon film	RD-25RJ471N
R34	470k, 5%, ¼, carbon film	RD-25RJ474N
R35	1k, 5%, ¼, carbon film	RD-25RJ102N
R36	4.7k, 5%, ¼, carbon film	RD-25RJ472N
R37	470, 5%, ¼, carbon film	RD-25RJ471N
R38	47k, 5%, ¼, carbon film	RD-25RJ473N
R39	220, 5%, ¼, carbon film	RD-25RJ221N
R40	3.9k, 5%, ¼, carbon film	RD-25RJ392N
R41	15k, 5%, ¼, carbon film	RD-25RJ153N
R42	33k, 5%, ¼, carbon film	RD-25RJ333N
R43	220, 5%, ¼, carbon film	RD-25RJ221N
R44	47, 5%, ¼, carbon film	RD-25RJ470N
R45	22k, 5%, ¼, carbon film	RD-25RJ223N
R46	270k, 5%, ¼, carbon film	RD-25RJ274N
R47	47k, 5%, ¼, carbon film	RD-25RJ473N

**Reference
Designator**

Description

Part No.

R48	68k, 5%, 1/4, carbon film	RD-25RJ683N
R49	33k, 5%, 1/4, carbon film	RD-25RJ333N
R50	47k, 5%, 1/4, carbon film	RD-25RJ473N
R51	10k, 5%, 1/4, carbon film	RD-25RJ103N
R52	10, 5%, 1/2w, metal oxide film	RX-HAPJ100B
R53	1k, 5%, 1/4, carbon film	RD-25RJ102N
R54	390, 5%, 1/4, carbon film	RD-25RJ391N
R55	10k, 5%, 1/4, carbon film	RD-25RJ103N
R56	820, 5%, 1/4, carbon film	RD-25RJ821N
R57	27k, 5%, 1/4, carbon film	RD-25RJ273N
R58	3.3k, 5%, 1/4, carbon film	RD-25RJ332N
R59	3.3k, 5%, 1/4, carbon film	RD-25RJ332N
R60	2.2k, 5%, 1/4, carbon film	RD-25RJ222N
R61	not used	
R62	10, 5%, 1/4, carbon film	RD-25RJ100N
R63	10k, 5%, 1/4, carbon film	RD-25RJ103N
R64	47, 5%, 1/4, carbon film	RD-25RJ470N
R65	1k, 5%, 1/4, carbon film	RD-25RJ102N
R66	4.7k, 5%, 1/4, carbon film	RD-25RJ472N
R67	18k, 5%, 1/4, carbon film	RD-25RJ183N
R68	1k, 5%, 1/4, carbon film	RD-25RJ102N
R69	22k, 5%, 1/4, carbon film	RD-25RJ223N
R70	22k, 5%, 1/4, carbon film	RD-25RJ223N
R71	1.8k, 5%, 1/4, carbon film	RD-25RJ182N
R72	not used	
R73	4.7k, 5%, 1/4, carbon film	RD-25RJ472N
R74	100, 5%, 1/4, carbon film	RD-25RJ101N
R75	4.7k, 5%, 1/4, carbon film	RD-25RJ472N
R76	not used	
R77	270, 5%, 1/2w, metal oxide film	RG-HANJ271B
R78	15, 5%, 2w, metal oxide film	RX-2ANJ150B
R79	1k, 5%, 1/4, carbon film	RD-25RJ102N
R80	6.8k, 5%, 1/4w, solid	RC-14GK682N
R81	1.5k, 5%, 1/4, carbon film	RD-25RJ152N
R82	4.7k, 5%, 1/4, carbon film	RD-25RJ472N
R83 thru		
R99	not used in model 2702	
R83 thru		
R89	not used in model 2703	
R90	■ 100k, 5%, 1/4, carbon film	RD-25RJ104N
R91	■ 1k, 5%, 1/4, carbon film	RD-25RJ102N
R92	■ 560k, 5%, 1/4, carbon film	RD-25RJ561N
R93	■ 100k, 5%, 1/4, carbon film	RD-25RJ104N
R94	■ 820k, 5%, 1/4, carbon film	RD-25RJ824N
R95	■ 4.7k, 5%, 1/4, carbon film	RD-25RJ472N
R96	■ 22k, 5%, 1/4, carbon film	RD-25RJ223N
R97 thru		
R99	not used	
R100	3.3k, 5%, 1/4w, solid	RC-14GK332N
R101 thru		
R110	not used	
R111	2.7k, 5%, 1/4, carbon film	RD-25RJ272N
RV1	10k semi-fixed resistor	RP-GNB10301
RV2	5k semi-fixed resistor	RP-GNB50202
RV3	20k semi-fixed resistor	RP-GNB20301
RV4	20k semi-fixed resistor	RP-GNB20301
SW1	switch, rotary	SR-1940202W
T1	rf transformer	TR-10DB002S
T2	rf transformer	TR-10MB005S
T3	rf transformer	TR-10CB001S
T4	rf transformer	TR-10CP005S
T5	rf transformer	TR-10MP003T
T6	rf transformer	TR-10CA003T

Reference Designator	Description	Part No.
T7	rf transformer	TR-07MB008N
T8	if transformer	TR-07LA004N
T9	if transformer	TR-07LA005N
T10	if transformer	TR-07LA023N
T11	audio output transformer	TB-G25B001W
X1	crystal oscillator 10.24000MHz	XA-S1B9001T
X2	crystal oscillator 10.69500MHz	XA-S1B9002T

Quantity	Description	Part No.
2	crystal spacer	VK-111SC001
1	heat sink, IC4	ML-454AD002
1	heat sink, IC4	MS-327AD005

Led P.C. Board

Reference Designator	Description	Part No.
LED	<input type="checkbox"/> LED p.c. board, complete	AP-TLD017AA
	<input checked="" type="checkbox"/> LED p.c. board, complete	AP-TLD015AA
	<input type="checkbox"/> LED p.c. board, drilled and plated	PT-LD017AOX
	<input checked="" type="checkbox"/> LED p.c. board, drilled and plated	PT-LD015AOX
	SL122	QL-#SL1222C

SWR P.C. Board

Reference Designator	Description	Part No.
	<input checked="" type="checkbox"/> SWR p.c. board, complete	AP-TSR006BA
	<input checked="" type="checkbox"/> SWR p.c. board, drilled and plated	PT-SR006AOX
C501	<input checked="" type="checkbox"/> .01uF, 50V, ceramic	CK-UB103NXY
C502	<input checked="" type="checkbox"/> .01uF, 50V, ceramic	CK-UB103NXY
D501	<input checked="" type="checkbox"/> 1N60, germanium	QD-G1N60XXT
D502	<input checked="" type="checkbox"/> 1N60, germanium	QD-G1N60XXT
R501	<input checked="" type="checkbox"/> 82, 5%, 1/4, carbon film	RD-25TJ820N
R502	<input checked="" type="checkbox"/> 82, 5%, 1/4, carbon film	RD-25RJ820N
R503	<input checked="" type="checkbox"/> 1.8k, 5%, 1/4, carbon film	RD-14RF182N
RV501	<input checked="" type="checkbox"/> 5k, semi-fixed resistor	RP-FNB50201
	<input checked="" type="checkbox"/> bracket, A	MU-411SX001
	<input checked="" type="checkbox"/> bracket, C	ML-621SX001

Lamp Control P.C. Board

Reference Designator	Description	Part No.
	<input checked="" type="checkbox"/> lamp control p.c. board, complete	AP-TZZ005AA
	<input checked="" type="checkbox"/> lamp control p.c. board, drilled and plated	PT-ZZ005A0X
C1	<input checked="" type="checkbox"/> .01uF, 50V, ceramic	CK-CB103PEM
C2	<input checked="" type="checkbox"/> .01uF, 50V, ceramic	CK-CB103PEM
C3	<input checked="" type="checkbox"/> 10uF, 16V, electrolytic	CE-ED100ALN

Reference Designator

Description

Part No.

Q1	■ 2SC945ARQ	QT-C0945ADA
Q2	■ 2SC945ARQ	QT-C0945ADA
Q3	■ 2SC945AR	QT-C0945ACA
Q4	■ 2SC945ARQ	QT-C0945ADA
R1	■ 10k, 5%, 1/4w, carbon film	RD-14TJ103N
R2	■ 270, 5%, 1/2w, solid	RC-12GK271N
R3	■ 15k, 5%, 1/4w, carbon film	RD-14TJ153N
R4	■ 330, 5%, 1/2w, solid	RC-12GK331N
R5	■ 330k, 5%, 1/4w, carbon film	RD-14TJ334N
R6	■ 100k, 5%, 1/4w, carbon film	RD-14TJ104N

Switch P.C. Board

Reference Designator

Description

Part No.

	switch p.c. board, complete	AP-TSW023AA
	switch p.c. board, drilled and plated	PT-SW023AOX
	1.8k, 1%, 1/4w, resistor array	RA-C182M07N

Chassis Mounted Components

Reference Designator

Description

Part No.

C201	180pF, 500V, mica	CM-SD181KCS
C201B	7pF, 500V, ceramic	CC-DE070DOM
C202	.01uF, 50V, ceramic	CK-DB103PEM
C203	.01uF, 50V, ceramic	CK-DB103PEM
C204	.01uF, 50V, ceramic	CK-DB103PEM
C205	.047uF, 50V, ceramic	CK-DB473ZFM
C206	.01uF, 50V, ceramic	CK-DB103PEM
C207	.01uF, 50V, ceramic	CK-DB103PEM
C208	.0047uF, 50V, ceramic	CK-DB472PEM
C209	.0047uF, 50V, ceramic	CK-DB472PEM
C210	.0047uF, 50V, ceramic	CK-DB472PEM
C211	.0047uF, 50V, ceramic	CK-DB472PEM
C212	.0047uF, 50V, ceramic	CK-DB472PEM
C213	.0047uF, 50V, ceramic	CK-DB472PEM
C214	■ 1uF, 50V, electrolytic	CE-AG010ALN
J1	□ jack, 2-pin, antenna	YJ-C02S009Z
J1	■ jack, 2-pin, antenna	YJ-C02S002Z
J2	jack, 5-pin, DIN, microphone	YJ-D05S001Z
J3	jack, 3-pin, PA	YJ-T03S003Z
J4	jack, 3-pin, eternal speaker	YJ-T03S003Z
J5	jack, 2-pin, DC	JY-B02S001U
M	meter	ZM-J2017M03
M	meter	ZM-J2030N07
PL1	lamp, pilot	ZP-A064105U
PL1	■ lamp, REC	ZP-A064118U
PL2	■ lamp, MOD	ZP-A064119U
R201	100k, 5%, 1/4w, carbon film	RD-14TJ104N
S2	switch toggle	ST-020201ZM
S3	switch, rotary	SR-0304103E

Reference Designator

VR1/S1
 VR1, VR3/S1
 VR2, VR3/S3
 VR2, VR4

Description

Part No.

<input type="checkbox"/> 50k, potentiometer (volume)	RV-NB403A11
<input checked="" type="checkbox"/> 50k, 100k, potentiometer, ganged (volume, RF gain)	RV-PB104B01
<input type="checkbox"/> 10k, 100k, potentiometer, ganged (squelch, RF gain CB-PA select)	RV-PE103B01
<input checked="" type="checkbox"/> 10k, 10k, potentiometer, ganged (squelch, CAL)	RV-PA103B02
<input type="checkbox"/> speaker	ZQ-A0770802
<input checked="" type="checkbox"/> speaker	ZQ-A0920801

Mechanical Parts

Part Number

Description

Qty

MZ-121SZ003	<input type="checkbox"/> bracket, meter	1
MZ-421SZ003	<input checked="" type="checkbox"/> bracket, meter	1
ML-121SZ007	bracket, speaker	4
MU-276SW001	<input type="checkbox"/> bracket, mobile mounting	1
MU-276SW002	<input checked="" type="checkbox"/> bracket, mobile mounting	1
MC-473SZ002	<input checked="" type="checkbox"/> bracket, p.c. board	1
MU-773SM022	<input type="checkbox"/> case, top	1
MU-773SM053	<input checked="" type="checkbox"/> case, top	1
MU-773SM023	<input type="checkbox"/> case, bottom	1
MU-773SM054	<input checked="" type="checkbox"/> case, bottom	1
MU-677SZ050	<input type="checkbox"/> chassis	1
MU-677SZ049	<input checked="" type="checkbox"/> chassis	1
MX-315SZ001	<input checked="" type="checkbox"/> clamp	1
AC-DC038GEA	<input type="checkbox"/> cord, power	1
AC-DC036GEA	<input checked="" type="checkbox"/> cord, power	1
AM-2702##01	<input type="checkbox"/> escutcheon	1
AM-2703##01	<input checked="" type="checkbox"/> escutcheon	1
AM-2683B#01	<input checked="" type="checkbox"/> frame	1
MB-762SZ057	<input type="checkbox"/> front panel	1
MB-762SZ053	<input checked="" type="checkbox"/> front panel	1
MZ-331SZ002	hanger, mike	1
VN-176SB006	knob, channel selector	1
VN-274SM001	<input checked="" type="checkbox"/> knob, volume and squelch	2
VN-276SM001	<input type="checkbox"/> knob, volume	1
VN-176SB002	knob, RF gain, switch	2
VN-276SB008	<input checked="" type="checkbox"/> knob, CB-PA	1
ML-423SN001	<input type="checkbox"/> L shape terminal, DC jack	1

Accessory Parts

Part No.

Description

Qty

BT-PT5013AN	screw, truss head tapping, unit mtg. M5 x 13	4
BT-PP4010BZ	screw, pan head tapping, M4 x 10, unit mtg.	2
MF-284SN001	thumb screw	2

Schematic Diagram, Model 2702

Schematic Diagram, Model 2703

