

RCVR CONV MODULE, 4-8MC

MODEL TTRR-2

REV J

TITLE

USED ON
MODEL SECTION
TTR-10

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.

SEE BELOW
NONE REQ
1-8
9
10
NONE REQ
NONE REQ

LAST SYMBOLS

C232	S201	XZ201
L206	T205	Y202
Q206	W202	Z201
R218	XY202	

COMPILED J. FERRERI
CHECKED L. GABEL
APPROVED T. AALTONEN
FNL APPR *L. Gabel*
ISS DATE 3-4-64

MISSING SYMBOLS

R216
L207

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE USED WHEN XTAL OVENS ARE REQUIRED BY CUSTOMER.
NOTE 3. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE USED WHEN NO XTAL OVENS ARE REQUIRED BY CUSTOMER.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

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MODEL: TTRR-2

SHEET 1 OF 10

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3228-1	PC BD,MKG	A3228-2		1	1		
BS100	SOLDER,TIN ALY	A3223-1 A3223-5 A3223-6 A3223-7 A3228-2					
CC20CK2R2C	CAP.,FXD,CER	A3228-2 A3228-2 A3228-2		1 1 1	3	C201 C202 C203	
CC100-15	CAP.,FXD,CER	A3228-2		1	1	C215	
CC100-16	CAP.,FXD,CER	A3228-2 A3228-2 A3228-2		1 1 1		C207 C226 C230	
CC100-25	CAP.,FXD,CER	A3228-2 A3228-2 A3228-2		1 1 1	4	C231 C209 C224	
CC100-33	CAP.,FXD,CER	A3228-2 A3228-2 A3228-2 A3228-2 A3228-2 A3228-2 A3228-2 A3228-2 A3228-2 A3228-2		1 1 1 1 1 1 1 1 1 1	3	C208 C210 C211 C212 C213 C214 C204 C205 C206	
CI127-1	CORE,TOROID	A3223-1		1	1		
CI127-4	CORE,TOROID	A3223-5		1	1		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MP123-1UB	KNOB	A2742		1	1		
MS3372	BKT,MTG,CAP.	A3228-2		1	1		
MS3377	PL,SD,L/R	A2742		2	2		
MS3379	CHAS,WRPARD	LD1326			1		MACH
MS3380	SHIELD,RF	A3228-2		4	4		
MS3381	PNL,FRONT	LD1332			1		MACH
MS3414	BRKT,XTAL SOC	LD1342			1		MACH
MS3446	PL,XTAL RET.	A2743			1		NOTE 3
MS4401	BRKT,RET.	A2742		1	1		
NP559	PL,ID,FREQ	A2742		1	1		
NP562	PL,ID,COMM	A2742		1	1		
NT129-440-4	NUT,PLN,SPLINE	MS3379		12			RD
		MS3414		2			RD
		MS4401		4	18		
NT137-0440	NUT,PLN,HEX,N	A3228-2		10	10		
NTH0440BN6	NUT,PLN,HEX	A3228-2		9	9		
NTH3732BN18	NUT,PLN,HEX	A3228-2		1	1		
OC100-1 OR	OCEN,XTAL,12VDC	A2743		1	1	Z201	NOTE 2
OC100-2 OR	OVEN,XTAL,24VDC	A2743		1	1	Z201	NOTE 2
OC100-3 OR	OVEN,XTAL,115VAC	A2743		1	1	Z201	NOTE 2
OC100-4	OVEN,XTAL,32VDC	A2743		1	1	Z201	NOTE 2
PC100-1	PC BD,ETCHING	PC100-2		1	1		
PC100-2	PC BD,MACH	PC100-3		1	1		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PX104-2-022	INS SLVG,SZ 24	A3228-2		2	2		YEL
PX104-3-022	INS SLVG,SZ 24	A3228-2		2	2		RED
PX104-4-022	INS SLVG,SZ 24	A3228-2		2	2		GRN
PX104-6-022	INS SLVG,SZ 24	A3228-2		2	2		BLU
PX104-7-022	INS SLVG,SZ 24	A3228-2		3	3		GY
PX829-1	PAD,TSTR MTG	A3228-2		6	6		
RC20GF102J	RES,FXD,COMP	A3228-2		1		R208	
		A3228-2		1	2	R215	
RC20GF122J	RES,FXD,COMP	A3228-2		1		R204	
		A3228-2		1		R205	
		A3228-2		1	3	R206	
RG20GF123J	RES,FXD,COMP	A3228-2		1	1	R207	
RC20GF103J	RES,FXD,COMP	A3228-2		1	1	R201	
RC20GF103J	" " "	A3228-2		1		R202	
RC20GF150J	RES,FXD,COMP	A3228-2		1	3	R203	
RC20GF222J	RES,FXD,COMP	A3228-2		1	1	R214	
RC20GF392J	RES,FXD,COMP	A3228-2		1		R211	
		A3228-2		1	2	R212	
RC20GF470K	RES,FXD,COMP	A3228-2		1	1	R213	
RC20GF471K	RES,FXD,COMP	A3228-2		1		R209	
				1		R219	
				1	1	R220	
				1	4	R221	
				1		R217	
RC20GF473J	RES,FXD,COMP	A3228-2		1	1	R218	

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
WI123-22	WIRE,ELEC,MAG,HT	A3223-6		24	78		SZ 22
		A3223-6		24			SZ 22
		A3223-7		30			SZ 22
WI123-28	WIRE,ELEC,MAG,HT	A3223-1		24	24		SZ 28
WI123-34	WIRE,ELEC,MAG,HT	A3223-5		60	60		SZ 34
WI149-1	CBL,CP,SHLD/JKT	CA808-1		12	12		2/C
WL100-8	WIRE,ELEC,BUSS	A3228-2		14	14		SZ 24

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OF 10

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TX113	TRANSISTOR	A3228-2		1		Q202	2ND RF
		A3228-2		1		Q203	3RD RF
		A3228-2		1		Q204	MIXER
		A3228-2		1		Q205	BUFFER
		A3228-2		1	5	Q206	HF OSC
TX109	TRANSISTOR	A3228-2		1	1	Q201	1ST RF

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PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A2741	PNL ASSY,FR	A2742		1	1		
A2742	TTRR-2 FNL ASSY	TTRR-2		1	1		
A2743	PC BD/CHAS ASSY	A2742		1	1		
A3228-2	PC BOARD ASSY	A2743		1	1		
CA418-8	CBL ASSY,RF	A3228-2		1	1	W202	
CA808-1	CBL ASSY,SP,SHLD	A3228-2		1	1	W201	
CH263	CHART,UNIT BKDN	TTRR-2		1	1		
CK666	DIAG,BLOCK	TTRR-2		1	1		
CK684	DIAG,SCHEM	TTRR-2		1	1		
PC100-3	PC BD,MECH ASSY	A3228-1		1	1		
TZ127	COIL,RF	A3228-2		1	1	T205	#A3223-1
TZ131	XFMR,RF	A3228-2		1	1	T201	#A3223-5
TZ132	XFMR,RF	A3228-2		1		T202	#A3223-6
		A3228-2		1	2	T203	#A3223-6
TZ133	XFMR,RF	A3228-2		1	1	T204	#A3223-7

