

TOTAL SHEETS 7

REV. ϕ 27 JAN 66
A sh 3 14 FEB 66
B sh 4 21 MAR 66
C sh 4 5 APR 66
D sh 2 8/12/72

MODEL AX599

TITLE RF MODULE

USED ON

MODEL

SECTION

QTY.

VLRE-1

1

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

LAST SYMBOLS

C223	T204
L201	Y201
Q207	TP208
R227	

COMPILED
CHECKED
APPROVED
FNL APPR
ISS DATE

R. X. Jacobs
RL
27 Jan 66

MISSING SYMBOLS

NONE

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.

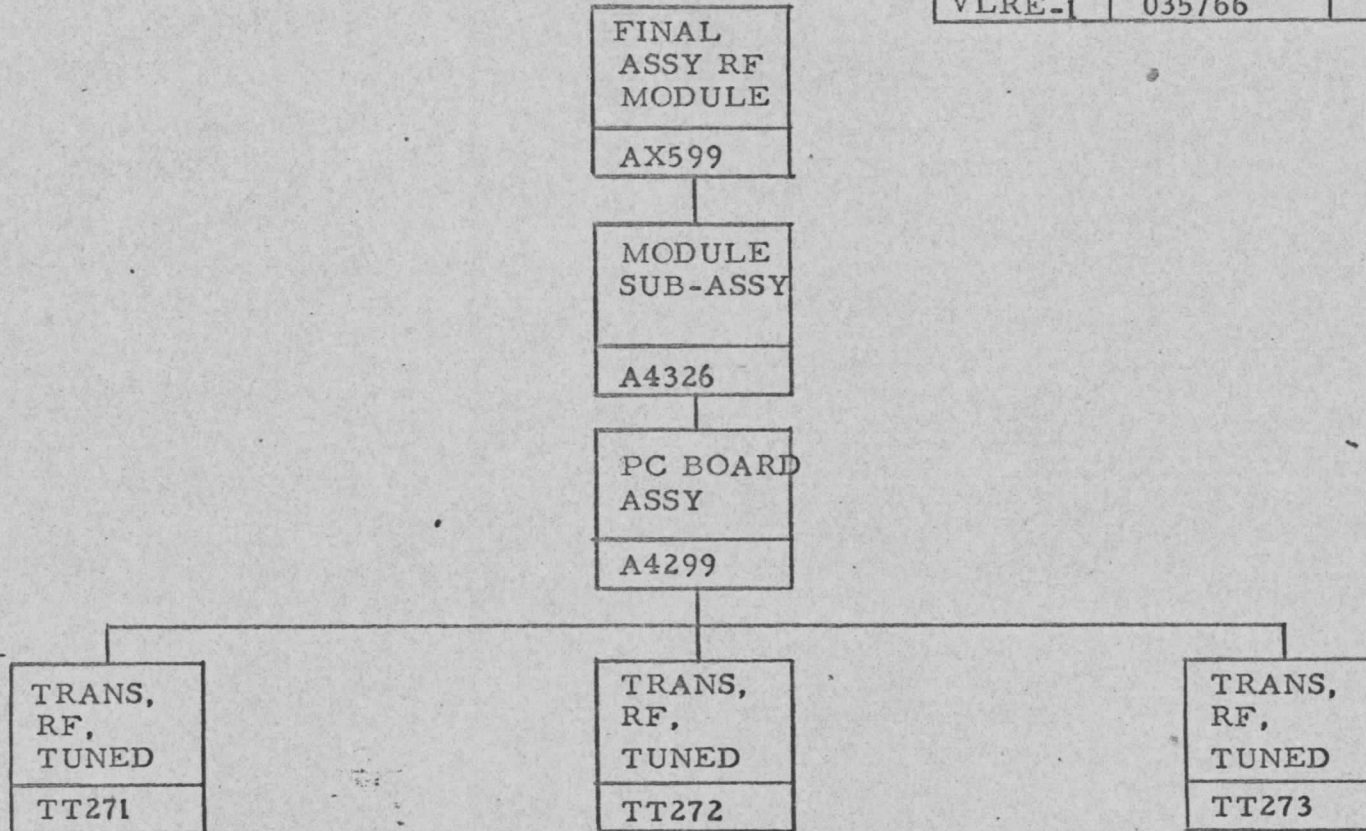
NOTE 2. CRI18 FREQ DETERMINED AS ORDERED BY CUSTOMER. XTAL FREQ. SHALL BE OPERATING FREQ. PLUS 300 KC

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
VLRE-1	035/66		8/11/65



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			TMC (Canada) LIMITED OTTAWA ONTARIO	
STOCK SIZE			CHART, UNIT BREAKDOWN (RF MODULE)	
MATERIAL		WEIGHT PER PC.		
TYPE & TEMPER			DRAWN	ELEC. DES. APP. MECH. DES. APP.
HEAT TREAT. SPEC.			CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.			CH5 06	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES				SCALE			
ALL OTHERS				DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED			
DEC. DIM. ±				DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			
FRAC. DIM. ±							
ANGULAR DIM. ±							

MATERIAL LIST/NUMERICAL PARTS LIST

REV: **0 ABCD** USED ON MODEL: **VLRE-1** USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: **A4322** QTY PER NEXT ASSY: **1** ASSY LEVEL: ASSY DESC: **RF MODULE SUB ASSY** ASSY PART NO: **A4326**

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A4299	PC BD ASSY	A4326			1		
CUI39-4B	FRL, HDL	A4326	HA102		2		
FS118-1	LATCH SNAPSLIDE	MS3419			1		
FS119-2	LATCHGUIDE, SNPSL	MS3419			1		
FS120-1	POST, SNAPSLIDE	MS3419			1		
HA102-17BN	HDL, BOW	A4326			1		
MS3419	PNL, MTG, FRONT	A4326			1		
MS3430	FR, MTG, PCBD	A4326			1	DWG. NOT AVAIL	
NP561	PLATE, INST-FREQ	MS3419			1		
NT129-440-4	NUT, PLN, SPLINE	MS3430			4		
SI14	ZN CHROMATE, PRIM	MS3419			X		
SI15	ENAM, SMOOTH, GY	MS3419			X		
S404	IRIDITE, YEL	MS3430 MS3419			X		
SCBP0256BN23	SCR, MACH	MS3419	NP561		2		
SCBP0440BN3	SCR, MACH	A4326	HA102 TO CUI39-4B		2		
SCFP0440BN4	SCR, MACH	A4326	MS3419	1	1		
SCFP0440BN5	SCR, MACH	A4326	A4299	6	7		
WA131-22	WASH, SPG TENS	MS3419			1		

REV		VLRE-1										USED ON SECTION:		SHEET 1 OF 2	
NEXT ASSY: A4326		QTY PER NEXT ASSY: 1		ASSY LEVEL:		ASSY DESC: PC BD ASSY				ASSY PART NO: A4299					
PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS								
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M											
PC223	PC BD ASSY	A4299			1										
CC100-9	CAP, FXD, CER	A4299			1	C211									
CC100-16	CAP, FXD, CER	A4299			1	C220									
CC100-28	CAP, FXD, CER	A4299			3	C206, C207, C209									
					2	C217, C221									
CC100-33	CAP, FXD, CER	A4299			3	C205, C216, C218									
CC100-35	CAP, FXD, CER	A4299			1	C219									
CE105-8-15	CAP, FXD, ELECT	A4299			1	C222									
CE105-25-15	CAP, FXD, ELECT	A4299			1	C213									
CE105-125-15	CAP, FXD, ELECT	A4299			1	C208									
CL275-103	COIL, RF, FXD	A4299			1	L201									
CM15B050M03	CAP, FXD, MICA	A4299			1	C214									
CM15B101K03	CAP, FXD, MICA	A4299			1	C215									
CM111E102F5S	CAP, FXD, MICA	A4299			1	C223									
CN114-R82-5J	CAP, FXD, MTLZ P	A4299			1	C210									
CR118-XXX	CU, QTZ	A4299			1	Y201	NOTE 2								
CU102-1	CLAMP, LOOP/1/8D	A4299			1										
CV109-9	CAP, VAR, CER	A4299			1	C212									
CV114-2	CAP, VAR, MICA	A4299			4	C201 THRU C204									
FW06HBN	WASH, FLAT	A4299	CU102-1		2										
LW06MKN	WASH, LK, EXT	A4299	CU102-1		1										
NTH0632BN8	NUT, PLN, HEX	A4299	CU102-1		1										
PX829-3	PAD, TSTR, MTG	A4299	2N396A	1	7	FOR Q201 THRU Q207									
RC20GF101J	RES, FXD, COMP	A4299			4	R201, 210, 217, 227									
RC20GF102J	RES, FXD, COMP	A4299			4	R202, 203, 209, 213									
RC20GF103J	RES, FXD, COMP	A4299			1	R218									

MATERIAL LIST/NUMERICAL PARTS LIST

SHEET 4 OF 7

REV \emptyset A B C D USED ON MODEL: VLRE-1 USED ON SECTION: ASSY SHEET 2 OF 2

NEXT ASSY: A4326 QTY PER NEXT ASSY: 1 ASSY LEVEL: ASSY DESC: PC BD ASSY ASSY PART NO: A4299

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
RC20GF104J	RES, FXD, COMP	A4299			1	R220	
RC20GF123J	RES, FXD, COMP	A4299			2	R208, 222	
RC20GF182J	RES, FXD, COMP	A4299			1	R219	
RC20GF220J	RES, FXD, COMP	A4299			1	R207	
RC20GF223J	RES, FXD, COMP	A4299			2	R212, 221	
RC20GF273J	RES, FXD, COMP	A4299			1	R216	
RC20GF332J	RES, FXD, COMP	A4299			1	R223	
RC20GF333J	RES, FXD, COMP	A4299			1	R204	
RC20GF392J	RES, FXD, COMP	A4299			1	R224	
RC20GF472J	RES, FXD, COMP	A4299			1	R214	
RC20GF562J	RES, FXD, COMP	A4299			1	R215	
RC20GF680J	RES, FXD, COMP	A4299			1	R211	
RC20GF682J	RES, FXD, COMP	A4299			1	R225	
RC20GF822J	RES, FXD, COMP	A4299			3	R205, 206, 226	
CA10449	CBL, RF	A4299			1		
SCBPO632BN7	SCR, MACH	A4299	CU102-1		1		
TE127-6	TERM, STUD	A4299			8	TP201 THRU TP208	
TE164-6	NUT, PLN, CLINCH	A4299			6		
TS167-1	SOC, XTAL	A4299	CR118	1	1	XY201	
TT271	XFMR, RF, ADJ	A4299			2	T202, 204	#A4331
TT272	XFMR, RF, ADJ	A4299			1	T203	#A4332
TT273	XFMR, RF, ADJ	A4299			1	T201	#A4333
2N396A	TSTR	A4299			4	Q201, 202, 203,	Q204
					3	205, 206, 207	

TMC FORM PML-4 (9-64)

REVISION SHEET

T. M. C. (Canada) LIMITED
OTTAWA ONTARIO

MODEL V6RE-1

PROJECT NO 035-66

DATE	REV.	PAGE	ITEM	DESCRIPTION	MOD. CHK. NO.	APP.
9/7/66	Φ	ALL	ALL	Released for Production	JEK	(Signature)
14/3/66	A	3	CR10	SPRINGS FROM ENHANCED DESIGN	TW	(Signature)
2/13/66	B	4	2N39A	Q205-207 ADDED	JEK	(Signature)
5/4/66	C	4	15	CA10049 WAS RG174/U	JEK	(Signature)
			19	TS167-1 QUANT WAS 2	JEK	(Signature)
8/17/70	D	2		SCBP0256BN2 was SCBP0256BN3	EMN 20843	ef