

TOTAL SHEETS 5

REV. Φ 27 JAN 66

A sh 3 15 FEB 66

B sh 3, 4 21 MAR 66

C sh 3, 4 19 MAY 66

MODEL AX598

TITLE AF MODULE

USED ON

MODEL

SECTION

QTY.

VLRE-1

1

LIST SECTIONS

SHEET NO.
SEE BELOW

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

LAST SYMBOLS

C515 TP511
Q511
R527
T505

COMPILED
CHECKED
APPROVED
FNL APPR
ISS DATE

R. Johnson
L. R. Jacobs
(R)
27 Jan 66

MISSING SYMBOLS

C509 R513
C512 R514

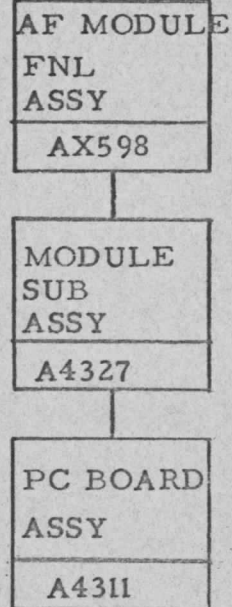
NOTE 1. THE FOLLOWING SYMBOL, #,
IN THE REMARKS COLUMN INDICATES
THAT THE PART NUMBER IMMEDIATELY
FOLLOWING IT IS THE TMC PROPRIETARY
MANUFACTURING DRAWING FOR THE
CORRESPONDING NUMBER IN THE PART
NUMBER COLUMN.

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	AX598	8/10/65



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			TMC (Canada) LIMITED OTTAWA ONTARIO	
STOCK SIZE				
			CHART, UNIT BREAKDOWN (AF MODULE)	
		MATERIAL	WEIGHT PER PC.	
			TYPE & TEMPER	
			DRAWN	ELEC. DES. APP.
			HEAT TREAT. SPEC.	MECH. DES. APP.
			FINISH & SPEC. NO.	CHECKED
			FINAL APPROVAL	
			CH505	

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

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 1 OF 5

REV: 1 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: MODL ASSY, AF ASSY PART NO: AX598

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A4327	MODL, SUB ASSY	AX598			1		
CH505	CHART, UNIT, BKDN	AX598			1		
CK10468	DIAG, SCHEM	AX598			1		
GL101	ADH-PLIO	MS3424		X	X		
IMI79-10	INS SH, ELEC	MS3424		2	2		
LD1347-2/MS3428	COV, TOP	AX598			1		
LWE04MRN	WASH, LK, EXT	AX598	MS3424				
			TO A4327		4		
MS3424	COV, SD	AX598			1		
MS3428	COV, TOP	LD1347-2			1		
SCBP0440BN3	SCR, MACH	AX598	MS3424				
			TO .4327		4		
S404	IRIDITE, YEL	MS3429		X			
		MS3428		X	X		
S	TEST PROC	AX598			1		

MATERIAL LIST/NUMERICAL PARTS LIST

TOTAL SHEET 3 OF 5

REV C USED ON MODEL: VLRE-1 USED ON SECTION: ASSY SHEET 1 OF 2

NEXT ASSY: A4327 QTY PER NEXT ASSY: 1 ASSY LEVEL: ASSY DESC: PC BD ASSY ASSY PART NO: A4311

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
PC224	PC BD, AF	A4311			1		
BS100	SOLDER, TIN ALY	A4311			X		
CC100-15	CAP, FXD, CER	A4311			2	C514, C515	
CC100-36	CAP, FXD, CER	A4311			2	C503, C507	
CC112R474M	CAP, FXD, CER	A4311			1	C513	
CE105-10-15	CAP, FXD, ELECT	A4311			1	C511	
CE105-100-15	CAP, FXD, ELECT	A4311			2	C501, C505	
CE105-175-15	CAP, FXD, ELECT	A4311			2	C504, C508	
CE107-1	CAP, FXD, ELECT	A4311			3	C502, C506, C510	
FWO6HBN	WASH, FLAT	A4311	Q510, 511	4	4		
LWIO6MRN	WASH, LK, INT	A4311	Q510, 511	4	4		
NTH0632BN8	NUT, PLN, HEX	A4311	Q510, 511	4	4		
PM10081	SPACER, TSTR	A4311	Q510	1	1		
PX829-3	PAD, TSTR, MTG	A4311	2N396A	9	9	FOR Q501 THRU Q 509	
PX104-1-034	INS SLVG-SZ20	A4311			3		
RC20GF101J	RES, FXD-COMP	A4311			2	R519, R520	
RC20GF102J	RES, FXD-COMP	A4311			2	R503, R509	
RC20GF103J	RES, FXD-COMP	A4311			1	R515	
RC20GF122J	RES, FXD-COMP	A4311			2	R521, R522	
RC20GF150J	RES, FXD-COMP	A4311			2	R525, R526	
RC20GF152J	RES, FXD-COMP	A4311			3	R505, R506, R511	
					1	R512	
RC20GF223J	RES, FXD-COMP	A4311			3	R502, R508, R527	
RC20GF271J	RES, FXD-COMP	A4311			2	R501, R507	
RC20GF272J	RES, FXD-COMP	A4311			2	R504, R510	
RC20GF332J	RES, FXD-COMP	A4311			2	R517, R518	

MATERIAL LIST/NUMERICAL PARTS LIST

SHEET 4 OF 5

REV C

USED ON MODEL: VLRE-1

USED ON SECTION:

ASSY SHEET 2 OF 2

NEXT ASSY: A4327

QTY PER NEXT ASSY: 1

ASSY LEVEL:

ASSY DESC: PC BD ASSY

ASSY PART NO: A4311

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
RC20GF4R7J	RES, FXD-COMP	A4311			1	R524	
RC20GF821J	RES, FXD-COMP	A4311			1	R523	
RC20GF822J	RES, FXD-COMP	A4311			1	R516	
SCBPO632BN7	SCR, MACH	A4311	Q511		2		
SCBPO632BN9	SCR, MACH	A4311	Q510	2	2		
TE127-6	TERM, STUD	A4311			11	TP1 THRU TP11	
TE164-6	NUT, PLN, CLINCH	A4311			4		
TF270	XFMR, AF	A4311			2	T502, T505	
TF271	XFMR, AF	A4311			2	T501, T503	
TF10030	XFMR, AF	A4311			1	T504	
WL100-7	WIRE, ELEC, BUSS	A4311			4		
2N2143	TSTR	A4311			2	Q510, Q511	
2N396A	TSTR	A4311			3	Q501, 502, 503	
					3	Q504, 505, 506	
					3	Q507, 508, 509	

REVISION SHEET

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

MODEL VLRF-1 (BX598)

PROJECT NO Φ 35/66

DATE	REV.	PAGE	ITEM	DESCRIPTION	MOD. CHK. NO.	APP.
27/1/66	Q	B11	B11	Released for Production	2824	(Add)
15/2/66	A	3	R524	WAS R C 206 FART J	PMJ	(KR)
2/3/66	B	3	PM 10081	PM 10081 ADDED	PMJ	(Add)
		4	TF 10030	TF 10030 Subst for TF 270-1504		
		3	10, 11/2	ZN 2143 CHANGED TO Q 510, 511		
19 MAY 66	C	4	4	SCBP0632 BNT WAS BNG Q 511 WAS ZN 2143 QUANTITY WAS 4	PMJ JKY	(Add)
		4	5	SCBP0632 BNG ADDED		