

XTAL OSCILLATOR MODULE

MODEL

A3723

REV

B

TITLE

USED ON
MODEL SECTION QTY
LFCA-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
800 SERIES

SHEET NO.

SEE BELOW
NONE REQ
1-3
4
5
NONE REQ
NONE REQ

LAST SYMBOLS

C15 R22
CR3 T1
K2 TP10
Q5 Y1
XY1

COMPILED J.SABATINO
CHECKED L.GABEL
APPROVED D.POSE
FNL APPR *L. Gabel*
ISS DATE 1-28-65

MISSING SYMBOLS

K1

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 CORRES-
PONDING NUMBER IN THE PART
NUMBER COLUMN.

NOTE 2. PREFIX ALL REFERENCE
SYMBOLS WITH 800 SERIES.
EXAMPLE, R1 EQUALS R801.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A B

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SHEET 1 OF 5

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
BS100	SOLDER, TIN ALY	A3723					
CC100-28	CAP., FXD, CER	A3827 A3723			3	C7,8,9	
CC100-34	CAP., FXD, CER	A3723			1	C10	
CE105-2-50	CAP., FXD, ELECT.	A3723 A3723		3 3	6	C1,2,3 C4,5,6	
CF135-9	FORM, COIL 2 FLG	A3827			1		
CI137-2	CORE, ADJ TUN.	A3827			1		
CM111F331J5S	CAP., FXD, MICA	A3723			1	C13	
CM112F103J1S	CAP., FXD, MICA	A3723			1	C14	
CM112F152J3S	CAP., FXD, MICA	A3723			1	C12	
CM112F512J3S	CAP., FXD, MICA	A3723			1	C11	
CR114	CU, QTZ	A3723			1	Y1	
CU158	RET., CUP CORE	A3827			1		
CV109-1	CAP., VAR, CER	A3723			1	C15	
CX106-11	CAP., VOLT VAR, SI	A3723			1	CR3	14-70UUF
GL103	ADHESIVE-N-CEL	A3827					
GL130	ADHESIVE-Q-DOPE	A3827					
LWE04MRN	WASH., LK, EXT	A3723			6		
LWS03MRN	WASH., LK, SPLIT	A3723			2		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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SHEET 2 OF 5

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MS3993	STIFF.,PC BD	A3723			1		
MS3994	STIFF.,PC BD	A3723			1		
NTH0348BN6	NUT,PLN,HEX	A3723			2		
NTH0440BN6	NUT,PLN,HEX	A3723			6		
PC135-1	PC BD,ETCH	PC135-2			1		
PC135-2	PC BD,MACH	PC135-3			1		
PC135-3	PC BD,SUBASSY	A3723			1		
RC20GF101K	RES,FXD,COMP	A3723			3	R1,2,3	
RC20GF103K	RES,FXD,COMP	A3723			2	R12,21	
RC20GF152K	RES,FXD,COMP	A3723			1	R22	
RC20GF153K	RES,FXD,COMP	A3723			2	R16,17	
RC20GF222K	RES,FXD,COMP	A3723			2	R14,15	
RC20GF246K	RES,FXD,COMP	A3723			1	R8	
RC20GF332K	RES,FXD,COMP	A3723			1	R19	
RC20GF333K	RES,FXD,COMP	A3723			1	R9	
RC20GF472K	RES,FXD,COMP	A3723			1	R10	
RC20GF681K	RES,FXD,COMP	A3723			1	R11	
RC20GF682K	RES,FXD,COMP	A3723			4	R4,5,6,7	

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SHEET 3

OF

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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			
RC20GF824K	RES, FXD, COMP	A3723			1	R20	
RL143-5	REL, ARM-MIN	A3723			1	K2	
RV111U103A	RES, VAR-COMP	A3723			1	R13	
RV111U502A	RES, VAR-COMP	A3723			1	R18	
SCBP0348BN4	SCR, MACH	A3723			2		
SCFP0440BN4	SCR, MACH	A3723			6		
TE127-2	TERM., STUD	PC135-3			10	TP1 thru TP10	
TS167-1	SOC, XTAL	A3723			1	XY1	
TX101-1	TRANSISTOR	A3723			2	Q3,4	
WI104-2041SNPQS	WIRE, ELEC, LITZ	A3827					
WI141-32-2	WIRE, ELEC, MAG, T	A3827					SZ 32/RED
1N34A	SCOND DEV, DIO	A3723			1	CR2	
1N627	SCOND DEV, DIO	A3723			1	CR1	
2N384	TRANSISTOR	A3723			2	Q1,2	
2N697	TRANSISTOR	A3723			1	Q5	

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SHEET 4 OF 5

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			
A3723	XTAL OSC MODL	A3723			1		
CH338	CHART, UNIT BKDN	A3723			1		
CK1253	DIAG, SCHEM	A3723			1		
TT223	XFMR, RF-100KC	A3723			1	T1	#A3827

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SHEET 5

OF

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PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S404	IRIDITE ,YEL	MS3993 MS3994					

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK
NEW YORK

A3723

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
2/26/65	A	2	13554	Revised sheet 2 per EMN	<i>alt</i>
1/25/67	B	4	17730	Revised per EMN	<i>alt</i>