

1-8-10MC GEN MODULE

MODEL AX470

REV

TITLE

USED ON
MODEL SECTION QTY
LFSA-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
NONE REQ
1-5
6
7
NONE REQ
NONE REQ

400-450 SERIES

LAST SYMBOLS

C442 R425
CR404 T406
L404 XY402
Q406 Y402

COMPILED A. KLEIN
CHECKED L. GABEL
APPROVED O. POSE
FNL APPR *L. Gabel*
ISS DATE 1-26-65

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 CORRES-
PONDING NUMBER IN THE PART
NUMBER COLUMN.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

MODEL:

AX470

SHEET 1

OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3308-1	PC BD,ETCH	A3308-2			1		
A3308-2	PC BD,MACH	A3308-2			1		
A3308-3	PC BD,MKG	A3308-4			1		
A3308-4	PC BD,SUBASSY	A3308-5			1		
BS100	SOLDER,TIN ALY	A3308-5					
		A3358					
		A3447					
		A3452					
		A3454					
CC100-29	CAP.,FXD,CER	A3308-5			3	C415,426,428	
CC100-35	CAP.,FXD,CER	A3308-5		5		C401,406,407,409,420	
		A3308-5		5	10	C425,431,432,435,440	
CC112R474M	CAP.,FXD,CER	A3308-5		4		C410,411,414,416	
		A3308-5		4		C419,421,424,427	
		A3308-5		3	11	C429,430,434	
CF130-1	FORM,COIL,THD	A3358		2X4	8		
CF132-1.000M0832	FORM,COIL,THD	A3358		1X4	4		
CI121-2	CORE,ADJ TUN.	A3358		1X4	4		
CI127-4	CORE,TOROID	A3447		1X2			
		A3452		1X2	4		
CI127-5	CORE,TOROID	A3454		1X2	2		
CI134Q1B	CORE,CUP	A3358		2X4	8		
CM15B101J	CAP.,FXD,MICA	A3308-5			1	C402	
CM15B240J	CAP.,FXD,MICA	A3308-5			1	C439	

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SHEET 2 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CM15B331J	CAP.,FXD,MICA	A3308-5			1	C423	
CM15B470J	CAP.,FXD,MICA	A3308-5			2	C405,436	
CM111E321H5S	CAP.,FXD,MICA	A3308-5			1	C442	
CM111E471H5S	CAP.,FXD,MICA	A3308-5			2	C412,418	
CM112E152D5S	CAP.,FXD,MICA	A3308-5			2	C417,422	
CM112E622J3S	CAP.,FXD,MICA	A3308-5			1	C413,441	
CR113-14	CU,QTZ-8MC	A3308-5			1	Y401	
CR113-15	CU,QTZ-10MC	A3308-5			1	Y402	
CV109-8	CAP.,VAR,CER	A3308-5			4	C403,408,433,438	
CV112-4	CAP.,VAR,CER	A3308-5			2	C404,437	
FS118-2	LATCH,SNAPSLIDE	MS3610			2		
FS119-3	LATCHGUIDE,SNPSL	MS3610			2		
FS120-2	POST,SNAPSLIDE	MS3610			2		
FS122-1	STUD,TURNLOCK	MS3609			2		
FW06HBN	WASH.,FLAT	MS3610			2		
GL103	ADHESIVE-N-CEL	A3358 A3447 A3452 A3454					

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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			
GL128-2	POTTING COMP	A3454					
GL128-3	POTTING COMP	A3447					
GL128-5	POTTING COMP	A3452					
GL129	ADHESIVE	A3358					
GL130	ADHESIVE -Q-DOPE	A3358 A3447 A3452 A3454					
MS3421	COV, SIDE	AX470			1		
MS3609	FR, MTG, PC BD	A3546			1		
MS3610	COV, TOP	AX470			1		
NT129-440-4	NUT, PLN, SPLINE	MS3609			4		
NT144-0440	NUT, PLN, SPLINE	A3308-4			4		
RC20GF101K	RES, FXD, COMP	A3308-5			2	R401, 425	
RC20GF102K	RES, FXD, COMP	A3308-5 A3308-5 A3308-5			5 5 1	R402, 404, 406, 407, 408 R411, 416, 418, 420, 422 R424	
RC20GF103K	RES, FXD, COMP	A3308-5 A3308-5			4 3	R403, 405, 410, 415 R419, 421, 423	
RC20GF331K	RES, FXD, COMP	A3308-5			1	R413	
RC20GF332K	RES, FXD, COMP	A3308-5			2	R412, 414	
RC20GF392K	RES, FXD, COMP	A3308-5			1	R417	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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SHEET 4 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
RC20GF822K	RES ,FXD ,COMP	A3308-5			1	R409	
SC131-0440BN4	SCR ,MACH-UNDCT	A3546			2		
SCBP0440BN4	SCR ,MACH	A3546 AX470		2 4	6		
TA111-2-2-1.00G	TAPE ,URETHANE	MS3610			2		
TE201	TERM. ,LUG	A3358		2X4	8		
TM124-2	TERM. ,COLLAR	A3447 A3454		1X2 1X2	4		
TM124-3	TERM. ,COLLAR	A3452		1X2	2		
TS167-1	SOC ,XTAL	A3308-5			2	XY401,402	
TX105	TRANS IS TOR	A3308-5			6	Q401,402,403,404,405,406	
WA109-51	WASH. ,NM	A3358		2X4	8		
WA131-23	WASH. ,SPG TENS	MS3610			2		
WA137-2	RING ,RETAINING	MS3609			4		
WI104-541SCPQS	WIRE ,ELEC ,LITZ	A3358					
WI122-24	WIRE ,ELEC ,MAG ,T	A3454					
WI141-34-2	WIRE ,ELEC ,MAG ,T	A3447 A3452 A3454					SZ 34/RED SZ 34/RED SZ 34/RED
WI141-34-5	WIRE ,ELEC ,MAG ,T	A3447 A3452 A3454					SZ 34/GRN SZ 34/GRN SZ 34/GRN

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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			
1N100	SCOND DEV,DIO	A3308-5			4	CR401,402,403,404	

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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			
A3308-5	PC BD,FNL ASSY	A3546			1		
A3546	AX470 SUBASSY	AX470			1		
AX470	1-8-10MC GEN	AX470			1		
CH338	CHART,UNIT BKDN	AX470			1		
CK701	DIAG,SCHEM	AX470			1		
CL327	COIL,RF,ADJ	A3308-5			4	L401,402,403,404	#A3358
TZ164	XFMR,RF	A3308-5			2	T401,404	#A3447
TZ169	XFMR,RF	A3308-5			2	T403,406	#A3452
TZ171	XFMR,RF	A3308-5			2	T402,405	#A3454

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SHEET 7 OF 7

PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S113	FUNGUS PROOFING	A3308-2					
S404	IRIDITE ,YEL	MS 3421 MS 3609 MS 3610					
S887	TEST PROC	AX470			1		