

PLUS MIXER MODULE

MODEL AX472

REV

TITLE

USED ON
MODEL SECTION QTY
LFSA-1.5 REQ 5

LIST SECTIONS

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

650-700 SERIES

LAST SYMBOLS

C689 Q648
CR641 R666
L652 T649

SHEET NO.

SEE BELOW

NONE REQ

1-6

7

8

NONE REQ

NONE REQ

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**

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SHEET 1 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3310-1	PC BD, ETCH	A3310-2			1		
A3310-2	PC BD, MACH	A3310-3			1		
A3310-3	PC BD, MKG	A3310-4			1		
A3310-4 BS100	PC BD, SUBASSY SOLDER, TIN ALY	A3310-5 A3310-5 A3361 A3447 A3448 A3449 A3450 A3451 A3452 A3453			1		
CC100-29	CAP., FXD, CER	A3310-5			3	C656, 680, 681	

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SHEET 2 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CC100-35	CAP., FXD, CER	A3310-5		5		C642, 644, 645, 646, 647	
		A3310-5		5		C648, 649, 650, 651, 652	
		A3310-5		5		C653, 654, 655, 658, 659	
		A3310-5		5		C661, 663, 664, 665, 670	
		A3310-5		5		C672, 673, 674, 675, 679	
		A3310-5		5	30	C682, 684, 685, 688, 689	
CC101-9	CAP., FXD, CER	A3310-5			2	C669, 678	
CF130-1	FORM, COIL	A3361			2		
CF132-1-000M0832	FORM, COIL, THD	A3361			1		
CI121-2	CORE, ADJ TUN.	A3361			1		
CI127-4	CORE, TOROID	A3447		1			
		A3448		1			
		A3449		1			
		A3450		1X2			
		A3451		1			
		A3452		1			
		A3453		1	8		
CI134Q1B	CORE, CUP	A3361			2		
CL275-101	COIL, RF, FXD	A3310-5			11	L641, 643 thru L652	
CL275-821	COIL, RF, FXD	A3310-5			1	L642	
CM15B101J	CAP., FXD, MICA	A3310-5			1	C643	
CM111E101G5S	CAP., FXD, MICA	A3310-5			2	C677, 686	
CM111E321H5S	CAP., FXD, MICA	A3310-5			1	C641	
CM111E470H5S	CAP., FXD, MICA	A3310-5			2	C667, 668	
CM112E102H3S	CAP., FXD, MICA	A3310-5			1	C662	

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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			
CV109-8	CAP., VAR, CER	A3310-5 A3310-5		4 3	7	C657,660,666,671 C676,683,687	
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 GL103	WASH., FLAT ADHESIVE -N-CEL	MS3610 A3361 A3447 A3448 A3449 A3450 A3451 A3452 A3453			2		
GL128-2	POTTING COMP	A3450 A3451					
GL128-3	POTTING COMP	A3447 A3449					
GL128-4	POTTING COMP	A3453					
GL128-5	POTTING COMP	A3452					
GL128-6	POTTING COMP	A3448					
GL129	ADHESIVE	A3361					

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SHEET 4 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
GL130	ADHESIVE -Q-DOPE	A3361 A3447 A3448 A3449 A3450 A3451 A3452 A3453					
MS3421	COV,SIDE	AX472			1		
MS3609	FR,MTG,PC BD	A3589			1		
MS3610	COV, TOP	AX472			1		
NT129-440-4	NUT,PLN,SPLINE	MS3609			4		
NT144-0440	NUT,PLN,SPLINE	A3310-4			4		
RC20GF101J	RES,FXD,COMP	A3310-5			3	R648,658,660	
RC20GF102K	RES,FXD,COMP	A3310-5 A3310-5		3 3	6	R641,642,653 R654,661,665	
RC20GF103K	RES,FXD,COMP	A3310-5			3	R646,647,655	
RC20GF223K	RES,FXD,COMP	A3310-5			1	R650	
RC20GF273K	RES,FXD,COMP	A3310-5			1	R643	
RC20GF331K	RES,FXD,COMP	A3310-5			2	R644,656	
RC20GF332J	RES,FXD,COMP	A3310-5			1	R645	
RC20GF470K	RES,FXD,COMP	A3310-5			4	R651,652,663,664	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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SHEET 5 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
RC20GF562K	RES ,FXD ,COMP	A3310-5			1	R662	
RC20GF681K	RES ,FXD ,COMP	A3310-5			1	R649	
RC20GF682J	RES ,FXD ,COMP	A3310-5			2	R659,666	
RC20GF821J	RES ,FXD ,COMP	A3310-5			1	R657	
SC131-0440BN4	SCR,MACH-UNDCT	A3589			2		
SCBP0440BN4	SCR,MACH	A3589		2			
		AX472		4	6		
TA111-2-2-1.00G	TAPE,URETHANE	MS3610			2		
TE201	TERM. ,LUG	A3361			2		
TM124-2	TERM. ,COLLAR	A3447		1			
		A3450		1X2	3		
TM124-3	TERM. ,COLLAR	A3448		1			
		A3449		1			
		A3451		1			
		A3452		1			
		A3453		1	5		
TX105	TRANSISTOR	A3310-5			8	Q641 thru Q648	

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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			
WA109-51	WASH., NM	A3361			2		
WA131-23	WASH., SPG TENS	MS3610			2		
WA137-2	RING, RETAINING	MS3609			4		
WI104-541SCPQS	WIRE, ELEC, LITZ	A3361					
WI141-34-2	WIRE, ELEC, MAG, T	A3361					SZ 34/RED
		A3447					SZ 34/RED
		A3448					SZ 34/RED
		A3449					SZ 34/RED
		A3450					SZ 34/RED
		A3451					SZ 34/RED
		A3452					SZ 34/RED
		A3453					SZ 34/RED
WI141-34-5	WIRE, ELEC, MAG, T	A3361					SZ 34/GRN
		A3447					SZ 34/GRN
		A3448					SZ 34/GRN
		A3449					SZ 34/GRN
		A3450					SZ 34/GRN
		A3451					SZ 34/GRN
		A3452					SZ 34/GRN
		A3453					SZ 34/GRN
1N39B	SCOND DEV, DIO	A3310-5			1	CR641	

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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			
A3310-5	PC BD,FNL ASSY	A3589			1		
A3589	AX472 SUBASSY	AX472			1		
AX472	PLUS MIXER MODL	AX472			1		
CH336	CHART,UNIT BKDN	AX472			1		
CK703	DIAG,SCHEM	AX472			1		
TT200	XFMR,RF-1MC	A3310-5			1	T641	#A3361
TZ164	XFMR,RF-1MC	A3310-5			1	T646	#A3447
TZ165	XFMR,RF-10MC	A3310-5			1	T647	#A3448
TZ166	XFMR,RF-9MC	A3310-5			1	T645	#A3449
TZ167	XFMR,RF-9,10MC	A3310-5			2	T643,649	#A3450
TZ168	XFMR,RF-10MC	A3310-5			1	T648	#A3451
TZ169	XFMR,RF-8MC	A3310-5			1	T642	#A3452
TZ170	XFMR,RF-9MC	A3310-5			1	T644	#A3453

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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			
S113	FUNGUS PROOFING	A3310-3					
S404	IRIDITE, YEL	MS3421 MS3609 MS3610					
S887	TEST PROC	AX472			1		