

SPECTRUM FILTER MODULE

MODEL AX495

REV

TITLE

USED ON  
MODEL SECTION  
LFSA-1,5 REQ

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

LAST SYMBOLS

C376 R355  
J352 S351E  
L351 XDS351  
P354 XY359  
Q351 Y359

COMPILED A.KLEIN  
CHECKED J.SABATINO  
APPROVED D.POSE  
FNL APPR J.Gobel  
ISS DATE 12-2-64

MISSING SYMBOLS  
SEE LFSA-1 LIST  
C370

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:

AX495

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			
A3307-1	PC BD,ETCHING	A3307-2			1		
A3307-2	PC BD,MACH	A3307-3			1		
A3307-3	PC BD,MKG	A3307-4			1		
A3307-4 BS100	PC BD,SUBASSY SOLDER,TIN ALY	A3307-5 A3307-5 A3358 A3583 A3585 AX495 CA876 CA877			1		
CC100-35	CAP.,FXD,CER	A3307-5			2	C373,376	
CC112R474M	CAP.,FXD,CER	A3307-5			2	C374,375	
CD101-1MW	CD,NYLON,LACING	CA876 CA877					
CF130-1	FORM,COIL	A3358			2		
CF132-1.000M0832	FORM,COIL,THD	A3358			1		
CI121-2	CORE,ADJ TUN.	A3358			1		
CI134Q1B	CORE,CUP	A3358			2		
CM111E471F5S	CAP.,FXD,MICA	A3308-5			1	C371	
CM112D102J5S	CAP.,FXD,MICA	A3307-5			1	C372	
CR113-1	CU,QTZ-1MC	A3583			1	Y350	
CR113-2	CU,QTZ-1.01MC	A3583			1	Y351	
CR113-3	CU,QTZ-1.02MC	A3583			1	Y352	
CR113-4	CU,QTZ-1.03MC	A3583			1	Y353	
CR113-5	CU,QTZ-1.04MC	A3583			1	Y354	
CR113-6	CU,QTZ-1.05MC	A3583			1	Y355	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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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			
CR113-7	CU,QTZ-1.06MC	A3583			1	Y356	
CR113-8	CU,QTZ-1.07MC	A3583			1	Y357	
CR113-9	CU,QTZ-1.08MC	A3583			1	Y358	
CR113-10	CU,QTZ-1.09MC	A3583			1	Y359	
CU149-1	RET.,XTAL HOLDER	A3583			10		
CV108-5	CAP.,VAR,GL	A3583			10	C350thru359	
CV112-1	CAP.,VAR,CER	A3584			10	C360 thru C369	
EY102-4	GROM,RUB.,5/16D	CA877			1		
EY102-16	GROM,RUB.,5/16D	CA876			1		
FW04HBN	WASH.,FLAT	AX495			2		
GL103	ADHESIVE-N-CEL	A3358					
GL129	ADHESIVE	A3358					
GL130	ADHESIVE-Q-DOPE	A3358					
JJ211	CONN,RECP,RF	A3583			2	J351,352	
JJ219-1-9	JACK,TIP	A3583			20	XY350A,B thru XY359A,B	
LD1416/MS3605	CHAS.	A3583			1		
LD1417/PX835	BD,MTG,CAP.	A3584			1		
LWE04MRN	WASH.,LK,EXT	A3585		2			
		AX495		4	6		
LWS03MRN	WASH.,LK,SPLIT	A3583			10		

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SHEET 3 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			
MS3605	CHAS	LD1416			1		
MS3606	PL, REAR	A3585			1		
MS3607	COV, SD	AX495			2		
MWC24/7/U0	WIRE, ELEC, INS	CA876		9			
		CA877		5	14		
MWC24/7/U1	WIRE, ELEC, INS	CA877			5		
MWC24/7/U2	WIRE, ELEC, INS	CA876		10			
		CA877		6	16		
MWC24/7/U3	WIRE, ELEC, INS	CA877			6		
MWC24/7/U4	WIRE, ELEC, INS	CA877			6		
MWC24/7/U5	WIRE, ELEC, INS	CA877			6		
MWC24/7/U6	WIRE, ELEC, INS	CA876		11			
		CA877		6	17		
MWC24/7/U7	WIRE, ELEC, INS	CA877			6		
MWC24/7/U8	WIRE, ELEC, INS	CA877			6		
MWC24/7/U9	WIRE, ELEC, INS	CA877			6		
MWC24/7/U92	WIRE, ELEC, INS	CA876		10			
		CA877		12	22		
NT129-440-3	NUT, PLN, SPLINE	MS3605		8			
		MS3606		7	15		
NTH0348BN6	NUT, PLN, HEX	A3583			10		

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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			
PL204	CONN, PL, RF, MIN	CA876			1	P354	
PL241-1	CONN, PL, ML	CA876			1	P353	5/C
PX100-1-085	INS SLVG, SZ 12	CA877			7		BLK
PX104-0-034	INS SLVG, SZ 20	A3583			6		WHT
PX104-1-034	INS SLVG, SZ 20	A3583			10		BLK
PX104-2-034	INS SLVG, SZ 20	A3583			10		YEL
PX104-3-034	INS SLVG, SZ 20	A3583			10		RED
PX104-4-034	INS SLVG, SZ 20	A3583			16		GRN
PX104-5-034	INS SLVG, SZ 20	A3583			7		BRN
PX104-6-034	INS SLVG, SZ 20	A3583			15		BLU
PX104-7-034	INS SLVG, SZ 20	A3583			7		GY
PX104-8-034	INS SLVG, SZ 20	A3583			7		ORN
PX104-9-034	INS SLVG, SZ 20	A3583			8		VIO
PX829-2	PAD, TSTR MTG	A3307-5			1		
PX830-8-1	INS SLVG, SHRINK	CA876			1		
PX835	BD, MTG, CAP.	LD1417			1		
RG20GF102K	RES, FXD, COMP	A3307-5			1	R354	
RG20GF103J	RES, FXD, COMP	A3307-5			1	R351	
RG20GF123J	RES, FXD, COMP	A3307-5			1	R355	
RG20GF470K	RES, FXD, COMP	A3307-5			1	R353	
RG20GF561K	RES, FXD, COMP	A3307-5			1	R352	
RG174/U	CBL, RF	CA876			10		

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SHEET 5 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			
SC131-0440BN3	SCR, MACH-UNDCT	AX495			8		
SCBP0348BN4	SCR, MACH	A3583			10		
SCBP0440BN4	SCR, MACH	A3585		2			
SCBP0440BN5	SCR, MACH	AX495		2	4		
		AX495			2		
SCFP0440BN4	SCR, MACH	AX495			2		
SW342	SW, ROTARY	A3583			1	S351, A, B, C, D, E	
TE111-2	TERM. , LUG-3/8D	A3583			1		
TE127-4	TERM. , STUD	A3307-4			9		
TE164-8	NUT, PLN, CLINCH	A3307-4			2		
TE201	TERM. , LUG	A3358			2		
TS157	SOC, DIG. IND	CA877			1	XDS351	
TX105	TRANSISTOR	A3307-5			1	Q351	
WA109-51	WASH. , NM	A3358			2		
WI104-541SCPQS	WIRE, ELEC, LITZ	A3358					
WL100-7	WIRE, ELEC, BUSS	AX495			90		SZ 20

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SHEET 6 OF 7

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			
A3307-5	PC BD,FNL ASSY	A3585			1		
A3583	CHAS ASSY	AX495			1		
A3584	CAP. BD ASSY	AX495			1		
A3585	PLATE ASSY,REAR	AX495			1		
AX495	SPEC FIL MODL	AX495			1		
CA876	WRG HARN, BRCHD	A3585			1		
CA877	WRG HARN-SOCKET	A3583			1		
CH341	CHART, UNIT BKDN	AX495			1		
CK700	DIAG, SCHEM	AX495			1		
CL327	COIL, RF, FXD	A3307-5			1	L351	#A3358

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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	A3307-3					
S404	IRIDITE, YEL	MS3605 MS3606 MS3607					
S676	PC BD INSPECT.	A3307-5					
S727	MKG PROC	ALL MKG					
S735	PC BD CONSTR	A3307-2					
S850	TEST PROC	AX495					