

SPECTRUM GENERATOR MODULE

MODEL AX471

REV

TITLE

USED ON		QTY
MODEL	SECTION	
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
- 500-550 SERIES

SHEET NO.

- SEE BELOW
- | |
|----------|
| NONE REQ |
| 1-4 |
| 5 |
| 6 |
| NONE REQ |
| NONE REQ |

LAST SYMBOLS

C530	Q507
CR502	R536
L502	TP505

COMPILED	A. KLEIN
CHECKED	L. GABEL
APPROVED	O. POSE
FNL APPR	<i>L. Gabel</i>
ISS DATE	1-26-65

MISSING SYMBOLS

R519
CR501

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.

NOTE 2. C513, 515 OPTIONAL. TO BE DETERMINED IN TEST.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

MODEL:

AX471

SHEET 1

OF 6

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	A3358					
		A3739					
CC100-14	CAP., FXD, CER	A3739			2	C502, 511	
CC100-35	CAP., FXD, CER	A3739		5		C501, 505, 506, 507, 508	
		A3739		5		C510, 516, 519, 520, 521	
		A3739		5	15	C523, 524, 525, 527, 530	
CE105-125-15	CAP., FXD, ELECT.	A3739			3	C509, 522, 529	
CF130-1	FORM, COIL	A3358		2X2	4		
CF132-1.000M083Z	FORM, COIL, THD	A3358		1X2	2		
CI121-2	CORE, ADJ TUN.	A3358		1X2	2		
CI134Q1B	CORE, CUP	A3358		2X2	4		
CM15B150J	CAP., FXD, MICA	A3739			1	C526	
CM15B151J	CAP., FXD, MICA	A3739			1	C514	
CM15B470J	CAP., FXD, MICA	A3739			1	C528	
CM15BXXXX	CAP., FXD, MICA	A3739			2	C513, 515	NOTE 2
CM111E102H1S	CAP., FXD, MICA	A3739			1	C504	
CM111E201H5S	CAP., FXD, MICA	A3739			1	C503	
CM111E321H5S	CAP., FXD, MICA	A3739			1	C518	
CM111E601J3S	CAP., FXD, MICA	A3739			1	C517	
CM112D202G3S	CAP., FXD, MICA	A3739			1	C512	

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SHEET 2 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
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					
GL129	ADHESIVE	A3358					
GL130	ADHESIVE-Q-DOPE	A3358					
MS3421	COV,SIDE	AX471			1		
MS3609	FR,MTG,PC BD	A3587			1		
MS3610	COV, TOP	AX471			1		
NT129-440-4	NUT,PLN,SPLINE	MS3609			4		
PC164-1	PC BD,ETCH	PC164-2			1		
PC164-2	PC BD,MACH	PC164-3			2		
PC164-3	PC BD,SUBASSY	A3739			1		
RC20GF101J	RES,FXD,COMP	A3739			2	R525,526	
RC20GF103J	RES,FXD,COMP	A3739			2	R502,523	
RC20GF151J	RES,FXD,COMP	A3739			1	R505	
RC20GF154J	RES,FXD,COMP	A3739			1	R503	

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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			
RC20GF182J	RES ,FXD ,COMP	A3739			1	R533	
RC20GF222J	RES ,FXD ,COMP	A3739			3	R528,530,536	
RC20GF224J	RES ,FXD ,COMP	A3739			1	R509	
RC20GF273J	RES ,FXD ,COMP	A3739			1	R517	
RC20GF331J	RES ,FXD ,COMP	A3739			1	R527	
RC20GF332J	RES ,FXD ,COMP	A3739			1	R529	
RC20GF392J	RES ,FXD ,COMP	A3739			1	R532	
RC20GF393J	RES ,FXD ,COMP	A3739			1	R513	
RC20GF470J	RES ,FXD ,COMP	A3739			2	R520,531	
RC20GF471J	RES ,FXD ,COMP	A3739		4		R501,506,507,510	
RC20GF472J	RES ,FXD ,COMP	A3739		3	7	R515,521,524	
RC20GF472J	RES ,FXD ,COMP	A3739			1	R504	
RC20GF560J	RES ,FXD ,COMP	A3739			2	R511,518	
RC20GF680K	RES ,FXD ,COMP	A3739			1	R508	
RC20GF681J	RES ,FXD ,COMP	A3739			1	R514	
RC20GF682J	RES ,FXD ,COMP	A3739			1	R535	
RC20GF821J	RES ,FXD ,COMP	A3739			1	R534	
RC20GF822J	RES ,FXD ,COMP	A3739			1	R522	
RV111U103A	RES ,VAR-COMP	A3739			1	R512	
RV111U502A	RES ,VAR-COMP	A3739			1	R516	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST /
NUMERICAL PARTS LIST**

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SHEET 4

OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SC131-0440BN4	SCR, MACH	A3587			2		
SCBP0440BN4	SCR, MACH	A3587 AX471		2 4	6		
TA111-2-2-1.00G	TAPE, URETHANE	MS3610			2		
TE127-3	TERM. ,STUD	PC164-3			5	TP501, 502, 503, 504, 505	
TE201	TERM. ,LUG	A3358		2X2	4		
TX105	TRANSISTOR	A3739			3	Q501, 504, 507	
WA109-51	WASH. ,NM	A3358		2X2	4		
WA131-23	WASH. ,SPG TENS	MS3610			2		
WA137-2	RING, RETAINING	MS3609			4		
WI104-54ISCPQS	WIRE, ELEC, LITZ	A3358					
1N3027B	SCOND DEV, DIO	A3739			1	CR502	
2N2646	TRANSISTOR	A3739			1	Q502	
2N2647	TRANSISTOR	A3739			1	Q503	
2N706	TRANSISTOR	A3739			2	Q505, 506	

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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			
A3587	AX471 SUBASSY	AX471			1		
A3739	PC BD,FNL ASSY	A3587			1		
AX471	SPEC GEN MODL	AX471			1		
CH339	CHART,UNIT BKDN	AX471			1		
CK772	DIAG,SCHEM	AX471			1		
CL327	COIL,RF,ADJ	A3739			2	L501,502	#A3358

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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	MS 3421 MS 3609 MS 3610					
S887	TEST PROC	AX471			1		