

M A T E R I A L L I S T

 TONE TRANSMIT FILTER

 MODEL TTF

SECTION I	ELECTRICAL COMPONENTS AND MECHANICAL PARTS
SECTION II	HARDWARE (NUTS, SCREWS, WASHERS, ETC.)
SECTION III	LOOSE ITEMS SUPPLIED W/UNIT
SECTION IV	SUPPORTING DRAWINGS
SECTION V	SPECIFICATIONS
SECTION VI	RAW MATERIAL
SECTION VII	FILTER COMBINATIONS

NOTE: P INDICATES PURCHASED ITEMS

TONE TRANSMIT FILTER

PROD. CONT.	MATERIAL LIST				MODEL	TTF	PROJ. NO.	638		LIST NO.	ML-A-1283	
	ITEM NO.	PART NO.	DWG REV	QUAN. PER ONE EQUIP.	DESCRIPTION				REMARKS	SIZE		
					ELECTRICAL COMPONENTS AND MECHANICAL PARTS							
1P	1.	EY-102-14		1	Grommet, Elastic							
1P	2.	FS-102-1		12	Spring, Type S							
1P	3.	FS-109-3		12	Ring, Stud Retaining							
1P	4.	FS-110-1		12	Stud, Slotted Head							
2P	5.	FX-139-XXX	C	-	Band Pass Filter (See filter combinations)							
	6.	FX-142-XXX		-	Band Pass Filter (See filter combinations)							
	7.	FX-143-XXX		-	Band Pass Filter (See filter combinations)							
1P	8.	JJ-034		4	Jack				J301, J302, J303, J304			
1P	9.	MS-154-1		6	Straddle Plate							
8	10.	MS-1006	C	1	Chassis, Filter							
4P	11.	MS-1009		1	Front Panel Machining							
8	12.	MS-1010	A	1	Frame, Filter							
4	13.	MS-1011		2	Covers, Top and Bottom							
2P	14.	NP-103-30		1	Name Plate, Model							
1P	15.	PX-337-4	B	1	Insulator, Terminal Strip							
1P	16.	PX-337-8		2	" " "							
1P	17.	TE-104-2		4	Terminal, Locking							
1P	18.	TF-124	C	1	Transformer				T301			
1P	19.	TM-100-4		1	Terminal Strip				E301			
1P	20.	TM-100-8		2	Terminal Strip				E302, E303			

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TONE TRANSMIT FILTER

PROD. CONT.	MATERIAL LIST			MODEL	TTF	PROJ. NO.	638			LIST NO.	MI-A-1283		
				ISSUE	A				SHEET	2 OF 7 SHEETS			
	ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION			REMARKS			SIZE			
				HARDWARE									
1P 18.	LWEO4MRC	16	Lock washer, external										
1P 19.	LWEO6MRC	16	" " , "										
1P 20.	LWEO8MRC	8	" " , "										
1P 21.	LWI37LRC	4	Lock washer, Internal										
1P 22.	LWSO3MRC	24	Lock washer, Split										
1P 23.	NTHO348BC6	24	Nut, Hexagon										
1P 24.	NTHO44OBC8	12	" ; "										
1P 25.	NTHO632BC10	16	" ; "										
1P 26.	NTHO832BC10	8	" ; "										
1P 27.	NTH3732BC16	8	" ; "										
1P 28.	SCBS044OBC8	5	Screw, Machine										
1P 29.	SCBS044OBC5	4	" ; "										
1P 30.	SCBS044OBC10	12	" ; "										
1P 31.	SCBS0832BC5	4	" ; "										
1P 32.	SCFS0348BC4	24	Screw, Machine										
1P 33.	SCFS0832BC8(TMC Gray)	4	" ; " Paint heads TMC Gray S-115)										
2P 34.	SFBO256SC3	4	Screw, Thread Cutting										

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TONE TRANSMIT FILTER

PROD. CONT.

MATERIAL LIST

MODEL TTF
ISSUE A

PROJ. NO. 638

LIST NO. ML-A-1283
SHEET 3 OF 7 SHEETS

ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION		REMARKS	SIZE
			LOOSE ITEMS	SUPPLIED W/UNIT		
	TM-105-8-A-R	2	Fanning Strip, for TM-100 & TM-102 Barriers			
	TM-105-4-A-R	1	Fanning Strip, for TM-100 & TM-102 Barriers			

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TONE TRANSMIT FILTER

PROD. CONT.	MATERIAL LIST			MODEL	TTF	PROJ. NO.	638	LIST NO.	ML-A-1283
	ITEM NO.	PART NO.	DWG REV	QUAN. PER ONE EQUIP.	DESCRIPTION		REMARKS	SIZE	
					SUPPORTING DRAWINGS	SPECIFICATIONS			
					<u>SUPPORTING DRAWINGS</u>				
	36.	A-1283		1	Main Assembly	(Not Drawn)			
4	37.	CA-330	A	1	Cable Assembly, Main				
1	37.1	CA-335		1	Cable, Transformer				
2	38.	CK-256	B	1	Schematic Diagram				
1	39.	CH-126		1	Chart of Removable Components				
4	40.	LD-320		1	Front Panel Engraving		Ref: MS-1009)		
4	41.	LD-326		1	Chassis Stamping		Ref: MS-1006		
4	41.1	LD-327		1	Wrap around Stamping		Ref: MS-1010		
4	41.2	LD-328		1	Front Panel Stamping (Rear)		Ref: MS-1009		
					<u>SPECIFICATIONS</u>				
	42.	S-101			Caustic Dip				
	43.	S-107			Lacquer Dip				
	44.	S-114			Zinc Chromate Primer				
	45.	S-115			Smooth Gray Enamel				
	46.	S-304			Test Procedure				
	47.	S-328			TTF Test Procedure				

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TONE TRANSMIT FILTER

MATERIAL LIST		MODEL	TTF	PROJ. NO.	638	LIST NO.	ML-A-1283
		ISSUE				SHEET	5 OF 7 SHEETS
RAW MATERIAL	STOCK SIZE	TYPE & TEMPER	TOTAL PER UNIT		TOTAL PER UNIT		
Aluminum	.064	5052-H32	477 Sq. Inches		2.92 lbs.		
"	.051	5052-H32	143 Sq. Inches		.680 lbs.		
"	.187	2024-T3	76 Sq. Inches		1.434 lbs.		
1P Solder (BS-100)		Soft					
1P CD-100-1-GE		Cord					
1P PX-104-2-.022	24						
1P PX-104-3-.022	24						
1P PX-104-4-.022	24						
1P PX-104-5-.022	24						
1P SRIR3/5(7)22U90	22	Wh/Black					
1P SRIR3/5(7)22U91	22	Wh/Brown					
1P SRIR3/5(7)22U92	22	Wh/Red					
1P SRIR3/5(7)22U93	22	Wh/Orange					
1P SRIR3/5(7)22U55	22	Green					
1P SRIR3/5(7)22U66	22	Blue					
1P SRIR3/5(7)22U77	22	Violet					
1P SRIR3/5(7)22U95	22	Wh/Grn.					
1P Buss Bar (WL-100-7)	22						
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TONE TRANSMIT FILTER

MATERIAL LIST

MODEL TTF
ISSUE

PROJ. NO. 638

LIST NO. ML-A-1283
SHEET 6 OF 7 SHEETS

ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION FILTER COMBINATIONS	REMARKS	SIZE
<u>TTF-A</u>					
46.	FX-139-425	1	Band Pass Filter	ZF301A	
47.	FX-139-595	1	" " "	ZF302A	
48.	FX-139-765	1	" " "	ZF303A	
49.	FX-139-935	1	" " "	ZF304A	
<u>TTF-B</u>					
50.	FX-139-1105	1	Band Pass Filter	ZF301B	
51.	FX-139-1275	1	" " "	ZF302B	
52.	FX-139-1445	1	" " "	ZF303B	
53.	FX-139-1615	1	" " "	ZF304B	
<u>TTF-C</u>					
54.	FX-139-1785	1	Band Pass Filter	ZF301C	
55.	FX-139-1955	1	" " "	ZF302C	
56.	FX-139-2125	1	" " "	ZF303C	
57.	FX-139-2295	1	" " "	ZF304C	
<u>TTF-D</u>					
58.	FX-139-2465	1	Band Pass Filter	ZF301D	
59.	FX-139-2635	1	" " "	ZF302D	
60.	FX-139-2805	1	" " "	ZF303D	
61.	FX-139-2975	1	" " "	ZF304D	
<u>TTF-E</u>					
62.	FX-142-595	1	Band Pass Filter	ZF301E	
63.	FX-142-935	1	" " "	ZF302E	
64.	FX-142-1275	1	" " "	ZF303E	
65.	FX-142-1615	1	" " "	ZF304E	

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TONE TRANSMIT FILTER

MATERIAL LIST

MODEL TTF

PROJ. NO.

LIST NO. ML-A-1283

ISSUE

SHEET 7 OF 7 SHEETS

ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION FILTER COMBINATIONS	REMARKS	SIZE
<u>TTF-F</u>					
66.	FX-142-1955	1	Band Pass Filter	ZF301F	
67.	FX-142-2295	1	" " "	ZF302F	
68.	FX-142-2635	1	" " "	ZF303F	
69.	FX-142-2975	1	" " "	ZF304F	
<u>TTF-G</u>					
70.	FX-143-935	1	Band Pass Filter	ZF301G	
71.	FX-143-1445	1	" " "	ZF302G	
72.	FX-143-1955	1	" " "	ZF303G	
73.	FX-143-2465	1	" " "	ZF304G	

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ASJ

INTER-OFFICE CORRESPONDENCE

Use This Form For All Office Correspondence - Write On One Side Of Paper Only

Date: 3/15/57

AL MARTINENGO

No. TS-4

To All Departments Checked

From

Ed Pord

SALES	PRODUCTION PLANNING	CHIEF ENGINEER
TECH. SERVICES	PRODUCTION CONTROL	PROJECT ENGINEER
PURCHASING	TEST DEPARTMENT	MECHANICAL DESIGN
ACCOUNTING	METAL SHOP	DRAFTING
	STOCK ROOM	PRODUCTION LIAISON

Subject: TTF Bill of Mat

ITEMS 19, 20: TM-100-4, TM-100-8

E601, 602, 603

SHOULD READ

E301, 302, 303

ACCORDING TO

CK-256

(TTF SCHEM.)

Stamp

JP

PUT IT IN WRITING written messages save time and errors

PROD. CONT.	MATERIAL LIST		MODEL	TTF	PROJ. NO.	638	LIST NO.	ML-A-1281
	ITEM NO.	PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION			REMARKS	SIZE
				ELECTRICAL COMPONENTS AND MECHANICAL PARTS				
1P	1.	EY-102-14 ✓	1	Grommet, Elastic				
1P	2.	FS-102-1 ✓	12	Spring, Type S				
1P	3.	FS-109-3 ✓	12	Ring, Stud Retaining				
1P	4.	FS-110-1 ✓	12	Stud, Slotted Head				
2P	5.	FX-139-XXX ✓	-	Band Pass Filter (See filter combinations)				
	6.	FX-142-XXX ✓	-	Band Pass Filter (See filter combinations)				
	7.	FX-143-XXX ✓	-	Band Pass Filter (See filter combinations)				
1P	8.	JJ-034 ✓	4	Jack			J301, J302, J303, J304	
1P	9.	MS-154-1 ✓	6	Straddle Plate ✓				
8	10.	MS-1006 ✓	1	Chassis, Filter				
4P	11.	MS-1009 ✓	1	Front Panel Machining				
8	12.	MS-1010 ✓	1	Frame, Filter				
4	13.	MS-1011 ✓	2	Covers, Top and Bottom				
2P	14.	NP-103-30 ✓	1	Name Plate, Model				
1P	15.	PX-337-4 ✓	1	Insulator, Terminal Strip				
1P	16.	PX-337-8 ✓	2	" , " "				
1P	17.	TE-104-2	4	Terminal, Locking				
1P	18.	TF-124	1	Transformer			T301	
1P	19.	TM-100-4 ✓	1	Terminal Strip			E301	
1P	20.	TM-100-8 ✓	2	Terminal Strip			E302, E303	
↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓				CHECKED <i>MB</i>		APPROVED <i>AJS</i>		