

USED ON		
MODEL	SECTION	QUAN.

ML-RTB-1		J
LIST NO.	REV.	

RHOMBIC TERMINAL UNIT, 700 OHMS UNGROUNDED  
(TITLE)

LIST SECTIONS

- 1. ELECTRICAL / MECHANICAL (PG.1-2)
- 2. HARDWARE (PG.3)
- 3. RAW MATERIALS (PG.4)
- 4. SUPPORTING DRAWINGS (PG.5)
- 5. SPECIFICATIONS (PG.6)
- 6. LOOSE ITEMS (PG.7)
- 7. PARTS PECULIAR NONE REQ.

TYPED 11/6/61  
CHECKED \_\_\_\_\_  
APPROVED *[Signature]*

MATERIAL LIST			REV	D	E	F	G	H	J	MODEL	RTB-1		
										SHEET	1	OF	7
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS					
						USED ON	QUAN.						
				ELECTRICAL/MECHANICAL									
2	AD-101-1/6			Dessicant									
1	CS-100			Casting, Cover	PM-105		A-168	2					
1	CS-10†			Casting, Case	PM-106-2								
12	FC-101			Clip, Fuse			A-172	12					
2	GA-100			Gasket, Outside			A102	2					
2	GA-101			Gasket, Inside			A102	2					
1	GA-103			Gasket, Cover			A-168	1					
2	GA-104			Gasket, Stud			A102	2					
1	LD-237			Schematic Diagram			A-168	1					
3	MS-144-1			Lead, Electrical			A-172	3					
1	MS-144-2			Lead, Electrical			A-172	1					
1	MS-933			Holder, Dessicant			A-168	1					
1	MS-7175			Plate, Mounting	LD-1003		A-172	1					
2	NS-100			Insulator, Outside			A102	2					
2	NS-101			Insulator, Inside			A102	2					
12	NS3W0206			Insulator, Standoff			A-172	12					
4	PM-100			Pin, Cover Bolt			A-168	4					
2	PM-102			Post, Spark Rod -			A-170	4					
2	PM-103			Rod, Spark			A-170	1					
1	PM-105			Cover, Machining	CS-100		A-168	1					

**MATERIAL LIST**

REV

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MODEL RTB-1

SHEET 2 OF 7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	PM-122			Case, Machining	CS-108	A-168	1	
12	PM354			Contact, Resistor		A1070	12	
6	PX292			Case, Resistor		A1070	6	
6	RR-116-140W			Resistor, Fixed, 140 ohm, 10 W.		A1070	6	
2	SM-100			Rod, Threaded		A-100	1	

MATERIAL LIST				REV	D	E	F	G	H	J											MODEL	RTB-1					
														SHEET 3		OF 7											
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION HARDWARE	REF.	LOCATION		SYMBOLS																			
						USED ON	QUAN.																				
2	FW25HBN			Washer, Flat		A102	2																				
22	FW25HSS			Washer, Flat		A-168 A102	4 12																				
2	LWE06MRN			Washer, Lock, External Tooth		A-172	2																				
28	LWE08MRN			Washer, Lock, External Tooth		A-168 A-172	4 24																				
1	LWS25MSS			Washer, Lock, Split		A102	1																				
2	NTC 2520BNL			Nut, Cap		A-168	2																				
2	NTH2520BR14			Nut, Hex.		A-100	1																				
12	NTH2520SS14			Nut, Hex.		A102	12																				
2	SCBP0632BN6			Screw, Machine		A-172	2																				
28	SCBP0832BN6			Screw, Machine		A-168 A-172	4 24																				
1	SCHH2520SS8			Bolt, Machine		A-168	1																				
4	SCHH2520SS28			Bolt, Machine		A-168	4																				
2	SCRPO632SN6			Screw, Machine		A-170	1																				
4	SFB0256SN4			Screw, Self Tapping		A-168	4																				
12	SFB0256AW4			Screw, Self Tapping		A1070	2X6																				
2	TE-112-3			Terminal, Lug		A-1563	1																				
1	TE-178-2			Terminal, Lug		A-168	1																				
24	WA-109-46			Washer, Fiber, Flat		A-172	24																				

# MATERIAL LIST


REV

D E F G H J

MODEL RTB-1

SHEET 4 OF 7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION RAW MATERIALS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
X	BS-100			Solder, Soft				
X	BS-101-1			Solder, Silver		A-100	X	
X	GL-101-2			Cement, Pliobond		A-168	X	
X	GL105			Lacquer, Glyptal		A1070 -	X	
0-4	WL-100-3			Wire, Buss		A-1563	2	

MATERIAL LIST				REV	D	E	F	G	H	J								MODEL	RTB-1		
																		SHEET	5	OF	7
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS													
						USED ON	QUAN.														
				SUPPORTING DRAWINGS																	
2	A-100			Stud Assembly		A102	2														
2	A102			Insulator Assembly		A168	2														
1	A-168			Main Assembly, RTB-1																	
2	A-170			Spark Rod Assembly		A-172	2														
1	A-172			Resistor & Mtg. Plate Assembly		A-168	1														
2	A-1563-2			Lead Assembly		A-172	2														
1	LD-1003			Lettering, Mounting Plate	MS-7175	A-172	1														
6	RR-115-140(A1070)			Resistor Fxd 140 		A-172	6	R1,2,3,4,5 & 1Spare													

**MATERIAL LIST**

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OF

7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SPECIFICATIONS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
	S-104			Passivate, Stainless Steel				
	S-114			Zinc Chromate Primer				
	S-115			Smooth Gray Enamel				
	S-404			Iridite, Yellow				
	S-723			Test Specification				

**MATERIAL LIST**

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SHEET 7 OF 7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION LOOSE ITEMS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
4	LWS37MSN			Washer, Lock, Split				
4	MS-619			Bracket, Mounting				
4	NTH3716SN16			Nut, Hex.				
8	SC-111-2			Bolt, Lag				
4	SCHH3716SN16			Bolt, Machine				



# REVISION SHEET

THE TECHNICAL MATERIEL CORP.  
MAMARONECK NEW YORK

RTB-1

MODEL RTB-1

PROJECT NO \_\_\_\_\_

DATE	REV.	PAGE	ITEM	DESCRIPTION	REMARKS	CHK.	APP.
7-24-58	A			RETYPE			
9/7/61	B	2	5549	Delete 1 ea. A-1070. On RR-115-140, Add (1A-1070)			16
9/20/61	C	1	5615	Delete 1 ea. AN-660-4			16
9/20/61	C	2	5615	Add 1 ea. TE-178-2			
11/6/61	D	All	5865	Chg. MS-148 to MS-1289(ref. LD-1003)			
				Chg. all Hdwre. from Cad, "C" to Nickel,			
				"N" Chg. all slotted screw "S" to Phillips			
				"P". Chg. FW25MSS to FW25HSS. Chg. LWEO8MRN			
				quan. from 34 to 30. Chg. SCBP0832BN6 quan.			
				from 6 to 30. Dele. SCVS0832BC4. Chg.			
				SFB0256BC4 to SFB0256AW4. Chg. A-171 to A-1563-2.			
				Add LD-1003. Dele. S101, 105. Add S404			
				Dele. BS-104. Add GL-105			
11/22/61	E	3	5970	Chgd SC-108-1 to SC-108-2			16
10/15/62	F	1	7476	Add 2 ea. AD-101-1/6			16
				Add 1 ea. MS-933			
				Add S-723			
				On SC-111-2, Chg. Quan. from 16 to 8			
3/19/63	G	1	8608	Chg. NS-103 to NS3W0206			
		2		Dele. 12 ea. PM-354			
				Dele. 6 ea. PX-292			
				Dele. 6 ea. RR-114-140W			
				Add 6 ea. RR-133-2, (Sym. R1,2,3,4,5, 1 Spare)			
				Chg. SC-102-1 to SFB0256SN4			
		3		Chg. SC-108-2 to SCHH2520SS83			
				Chg. SC-108-9 to SCHH2520SS28			
				Dele. 12 ea. SFB0256AW4			
				Add 2 ea. LWEO6MRN			
				Add 2 ea. SCBP0632BN6			
				Chg. LWEO8MRN Quan. from 30 to 28			
				Chg. SCBP0832BN6 Quan. from 30 to 28			
				Dele. GL-105			
				Dele. 5 ea. RR-115-140 (1A-1070)			
12/14/64	H	1,2,3,					
		4,5	12963	Revised sheets 1,2,3,4 and 5 per EMN			16
10-15-85				REVISED SHEET 1			