



# MATERIAL LIST

REV.

G

MODEL BAC-2-S-20

SHEET 1 OF 10

QUAN. PER UNIT	PART NO.	DESCRIPTION SUPPORTING LISTS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
	ML-TR-015	Transformer, RF					
	ML-TR-016	Transformer, RF					

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.											MODEL	BAC-2-S-20		
													SHEET	2	OF	10
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
		ELECTRICAL/MECHANICAL														
1	A-115-1	Machining, Terminal Board		A-115-2		1										
1	A-115-2	Lettering, Terminal Board		A-115-3		1										
1	A-115-3	Sub-Assembly, Terminal Board		A-115-4		1										
2	AD-101-1/3	Dessicant		A-107		2										
1-1	CJ-100-2	Chain, Bead		A-107		0-8										
				A-1291		0-5										
2	CL-102-8	Coil, RF, 50 mh		A-115-4		2	L1,2									
4	CN-100-4	Capacitor, Fixed, Paper, .1 uf		A-115-4		4	C1,2,3,4									
1	CS-103	Casting, PM-110	PM-110													
1	CS-104	Casting, PM-114	PM-114													
2	GA-100	Gasket, Outside		A-102		2										
2	GA-101	Gasket, Inside		A-102		2										
2	GA-102	Gasket, Flange		A-107		2										
2	GA-104	Gasket, Stud		A-102		2										
1	GA-105	Gasket, Cap		A-107		1										
1	GA-107	Gasket, Cover		A-107		1										
1	GA-149-5	Gasket, Connector		A-107		1										
1	LD-102	Diagram, Schematic		A-107		1										
4	MS-105-1-S	Coupling, Chain		A-107		2										
				A-1291		2										

MATERIAL LIST		REV.											MODEL	BAC-2-S-20		
													SHEET	3	OF	10
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
1	MS-111	Strap, Switching		A-115-4		1										
2	MS-112	Bracket, T.B. Mounting		A-115-4		2										
1	MS-113	Plate, Mounting		A-114		1										
1	MS-933	Holder, Dessicant		A-107		1										
2	NS-100	Insulator, Outside-		A-102		2										
2	NS-101	Insulator, Inside		A-102		2										
6	PM-100	Nut, Plain, Barrel		A-107		6										
2	PM-102	Post, Spark Rod		A-170		2										
2	PM-103	Rod, Spark		A-170		2										
2	PM-107	Flange, Coupling		A-107		2										
1	PM-108	Cap, Flange		A-107		1										
1	PM-110	Case	CS-103	A-107		1										
1	PM-114	Cover	CS-104	A-107		1										
1	RA25A1SA102AK	Resistor, Variable, WW, 3 W.		A-115-4		1	R1									
1	RY-114-77716	Stopper		A-107		1										
1	SC-134	Plug, Pipe		A-1291		1										
2	SM-100	Stud, Threaded		A-100		2										

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REV.

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MODEL BAC-2-S-20

SHEET 4 OF 10

QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
1	TR-015	Transformer, RF, 70-600CT		A-114		1	T1
1	TR-016	Transformer, RF, 70-350		A-114		1	T2
1	UG-58A/U	Connector, Receptacle, RF, Type N		A-107		1	

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MATERIAL LIST		REV.											MODEL	BAC-2-S-20	
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS								
				USED ON	USED TO MOUNT	QUAN.									
3	FW04HBN	Washer, Flat		A-115-4		2									
				A-1291		1									
18	FW25HSS	Washer, Flat		A-102		12									
				A-107		6									
2	FW25LBN	Washer, Flat		A-102		2									
2	LWE04MRN	Washer, Lock, External		A-115-4		2									
21	LWE06MRN	Washer, Lock, External		A-114		14									
				A-115-4		7									
1	LWE06MSS	Washer, Lock, External		A-107		1									
5	LWE08MRN	Washer, Lock, External		A-107		5									
1	LWE08MSS	Washer, Lock, External		A-107		1									
4	LWE10MSS	Washer, Lock, External		A-107		4									
4	LWS04MSS	Washer, Lock, Split		A-107		4									
8	LWS25MSS	Washer, Lock, Split		A-107		8									
2	NTC2520BNL	Nut, Cap		A-102		2									
2	NTH0440BN8	Nut, Hexagon		A-115-4		2									
22	NTH0632BN8	Nut, Hexagon		A-114		12									
				A-115-4		10									

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MATERIAL LIST		REV.	G										MODEL	BAC-2-S-20		
													SHEET	6	OF	10
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
2	NTH2520BR14	Nut, Hexagon		A-100		2										
12	NTH2520SS14	Nut, Hexagon		A-102		12										
4	SC-102-1	Screw, Tapping		A-107		4										
4	SCBP0440SS6	Screw, Machine		A-107		4										
2	SCBP0440BN16	Screw, Machine		A-115-4		2										
1	SCBP0632SS3	Screw, Machine		A-107		1										
10	SCBP0632BN6	Screw, Machine		A-114		6										
				A-115-4		4										
3	SCBP0632BN8	Screw, Machine		A-115-4		3										
2	SCBP0832SS4	Screw, Machine		A-107		2										
5	SCBP0832BN6	Screw, Machine		A-107		5										
4	SCBP1032SS6	Screw, Machine		A-107		4										
6	SCHH2520SS28	Bolt, Machine		A-107		6										
2	SCRPO632SN6	Screw, Machine		A-170		2										
8	SCRPO2520SS10	Screw, Machine		A-107		8										
1	SFBO440AW5	Screw, Tapping		A-1291		1										
8	TE-109-3	Terminal, Lug, Stud		A-115-3		8										
4	TE-141-3	Terminal, Lug, No. 10		CA-409		4										

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MATERIAL LIST		REV.											MODEL	BAC-2-S-20	
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS								
				USED ON	USED TO MOUNT	QUAN.									
		RAW MATERIALS													
X	BS-100	Solder, Soft		A-107		X									
				A-114		X									
				A-115-4		X									
X	BS-101-1	Solder, Silver		CA-409		X									
X	GL-100	Compound, Potting		A-100		X									
X	GL-101-2	Cement		A-115-4		X									
				A-107		X									
1-5	MWC20(7)U1	Wire, Electrical	Brown	A-114		1-3									
				A-115-4		0-2									
1-3	MWC20(7)U4	Wire, Electrical	Yellow	A-107		0-8									
				A-114		0-4									
				A-115-4		0-3									
1-11	MWC20(7)U5	Wire, Electrical	Green	A-107		0-8									
				A-114		1-3									
1-3	MWC20(7)U6	Wire, Electrical	Blue	A-107		0-8									
				A-114		0-5									
				A-115-4		0-2									
0-4	WL-103-4	Shield, Flexible		CA-409		0-4									



**MATERIAL LIST**

REV.

G

MODEL

BAC-2-S-20

SHEET

8

OF

10

QUAN. PER UNIT	PART NO.	DESCRIPTION  SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
2	A-100	Stud Assembly		A-102		2	
2	A-102	Insulator Assembly		A-107		2	
1	A-107	Final Assembly					
1	A-114	Transformer & T.B. Plate Assembly		A-107		1	
1	A-115-4	Terminal Board Final Assembly		A-114		1	
2	A-170	Spark Rod Assembly		A-114		2	
1	A-1291	Drain Plug Assembly		A-107		1	
2	CA-409-69-2.00	Lead, Electrical, Ground		A-107		2	
1	ID-101	Installation Drawing					

MATERIAL LIST		REV.																	MODEL	BAC-2-S-20	
																			SHEET	9	OF
QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS														
				USED ON	USED TO MOUNT	QUAN.															
1	S-732	Test Procedure																			

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MATERIAL LIST		REV.	G																MODEL	BAC-2-S-20	
																			SHEET	10	OF
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS														
				USED ON	USED TO MOUNT	QUAN.															
LOOSE ITEMS																					
1	ID-101	Installation Details																			
4	LWS37MSN	Washer, Lock, Split		A-107		4															
4	MS-619	Bracket, Mounting		A-107		4															
1	MS-564/U	Clamp, Armor		A-107		1															
4	NTH3716SN20	Nut, Hexagon		A-107		4															
8	SC-111-2	Bolt, Lag		A-107		8															
4	SCHH3716SN16	Bolt, Machine		A-107		4															
1	UG-21B/U	Connector, Plug, RF, Type N		A-107		1															

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