

ANTENNA COUPLER,600B/70U

MODEL HLC-3 REV E
SEE NOTE 2

TITLE

USED ON
MODEL SECTION

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
1
2-5
6
6
7
NONE REQ

LAST SYMBOLS

T2

COMPILED R.HAY
CHECKED J.SABATINO J.S.
APPROVED R.HAY *R.HAY*
FNL APPR *R.HAY*
ISS DATE

MISSING SYMBOLS

NONE

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. THIS MODEL SHOULD BE USED IN CONJUNCTION WITH A SUFFIX DENOTING THE PART NO. OF THE TWO OUTPUT TERMINATIONS REQUIRED. EXAMPLE, HLC-3/AX-259-1

MATERIAL LIST				REV											MODEL	HLC-3				
																	SHEET	2	OF	7
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS												
						USED ON	QUAN.													
	BS100			SOLDER,SOFT		A3277-2 A10240-2 CA804 CA804														
	BS101-1			BRZG ALY,SILVER		CA809 CA809														
	BS104			SOLDER,PASTE		A100 A100														
1	CS103			CASTING,CASE		PM10073	1													
1	CS104			CASTING,COVER		PM114	1													
4	FW08HBN			WASH. ,FLAT		A3277-2	4													
2	FW25HBN			WASH. ,FLAT		A102 A102	1 1													
18	FW25HSS			WASH. ,FLAT		A102 A102 A10240-2	6 6 6													
2	GA100			GASKET,NEOPRENE		A102 A102	1 1													
2	GA101			GASKET,CORK		A102 A102	1 1													
2	GA104			GASKET,NEOPRENE		A102 A102	1 1													
1	GA107			GASKET,NEOPRENE		A10240-2	1													
	GL101-2			ADHESIVE		A10240-2														

MATERIAL LIST

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MODEL HLC-3

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7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	LD10146			DIAG, SCHEMATIC		A10240-2	1	
12	LWE06MRN			WASH. ,LK,EXT		A3277-2	12	
6	LWE10MRN			WASH. ,LK,EXT		A3277-2 A10240-2	2 4	
1	LWS25MSS			WASH. ,LK,SPLIT		A10240-2	1	
2	MS203-1-1.125			STRAP ,COPPER		CA804 CA804	1 1	
1	MS10378			PLATE ,MOUNTING		A3277-2	1	
1	NP10001-10			PLATE ,IDENT		A10240-2	1	
2	NS100			INS ,OUTSIDE		A102 A102	1 1	
2	NS101			INS ,INSIDE		A102 A102	1 1	
2	NT146-1			NUT ,SELF -LKG,HEX		A100 A100	1 1	
2	NTC2520BNL			NUT ,CAP		A102 A102	1 1	
8	NTH0632BN8			NUT ,HEX		A3277-2	8	
2	NTH1032BN12			NUT ,HEX		A3277-2	2	
12	NTH2520SS14			NUT ,HEX		A102 A102	6 6	

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
6	PM100			NUT,PLAIN,BARREL		A10240-2	6	
2	PM103			ROD,SPARK		A3277-2	2	
1	PM114			COVER,MACHINING		A10240-2	1	
2	PM721-3BN2.375			POST		A3277-2	2	
2	PM10062			POST,GROUND		A3277-2	2	
1	PM10073			CASE,MACHINING		A10240-2	1	
4	SCBP0632BN6			SCREW,MACHINE		A3277-2	4	
2	SCBP0832BN10			SCREW,MACHINE		A3277-2	2	
4	SCBP1032BN6			SCREW,MACHINE		A10242-2	4	
1	SCHH2520SS8			BOLT,MACHINE		A10240-2	1	
6	SCHH2520SS28			BOLT,MACHINE		A10240-2	6	
8	SFB0256SN3			SCREW,THD CTG		A10240-2	8	
2	SM2520BP6.000			STUD,CONT THD		A100 A100	1 1	
2	TE104-4			TERMINAL,LUG		CA804 CA804	1 1	
2	TE156-32953			TERMINAL,LUG		CA809 CA809	1 1	
1	TE178-2			TERMINAL,LUG		A10240-2	1	

MATERIAL LIST

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MODEL HLC-3

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
19	TU100-3N			TUBE ,COPPER		CA809	7	
						CA809	7	
						CA799	5	

MATERIAL LIST

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7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SUPP ASSY/REF DWGS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
2	A100			STUD SUB ASSY		A102 A102	1 1	
2	A102			INSULATOR ASSY		A10240-2	2	
1	A3277-2			XFMR/PLATE ASSY		A10240-2	1	
1	A10240-2			FNL ASSY		HLC-3	1	
1	CA799			LEAD,ELEC		A10240-2	1	
2	CA804			LEAD,ELEC		A3277-2	2	
2	CA809			LEAD,ELEC		A10240-2	2	
1	S1015			SPECIFICATIONS TEST PROC		HLC-3	1	

MATERIAL LIST

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MODEL HLC-3

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7

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION LOOSE ITEMS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
4	LWS37MSN			WASH.,LK,SPLIT		LOOSE ITEM	4	
4	MS619			BRACKET,MTG		LOOSE ITEM	4	
4	NTH3716SN20			NUT,HEX		LOOSE ITEM	4	
8	SC111-2			BOLT,IAG		LOOSE ITEM	8	
4	SCHH3716SN16			BOLT,MACHINE		LOOSE ITEM	4	

REVISION SHEET
THE TECHNICAL MATERIEL CORP.
MAMARONECK
NEW YORK

HLC-3

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
7/25/61	A	----	5324	Revised per EMN	HB
10/1/62	B	-----	7293	Revised per EMN	HB
1/16/64	C	-----	10788	Revised per EMN	HB
8/4/64	D	-----	11603	Revised per EMN	HB
12/6/65	E	6	15366	Revised per EMN	HR