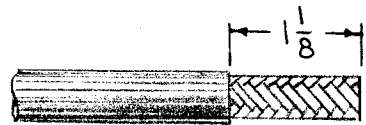


TMC PART NUMBER	MILITARY NUMBER	DIELECTRIC	AMPHENOL	FOR USE WITH CABLES
PL259A-MICA	PL259A	MICA FILLED BAKELITE	83-ISPAN	8,9,10,11,12,13,63,65
PL259A-TEF	PL259A	TEFLON	83-756	8,9,10,11,12,13,63,65

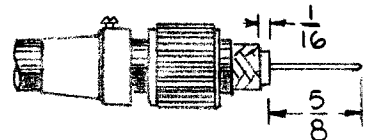
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	G	REVISED & REDRAWN	5-16-67	18195	<i>[Signature]</i>	<i>[Signature]</i> <i>[Signature]</i>

ASSEMBLY INSTRUCTIONS

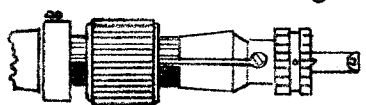


CUT END OF CABLE EVEN. REMOVE VINYL JACKET 1-1/8".

BARE 5/8" OF CENTER CONDUCTOR. TIN EXPOSED CONDUCTOR AND BRAID, SLIDE BACK SHELL AND COUPLING RING ON CABLE.



SCREW THE PLUG SUB-ASSEMBLY ON CABLE. SOLDER THIS ASSEMBLY TO BRAID THROUGH SOLDER HOLES. SOLDER CENTER CONDUCTOR TO CONTACT. DO NOT USE EXCESSIVE HEAT.



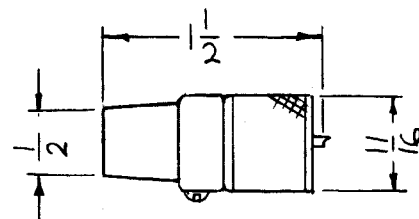
FOR FINAL ASSEMBLY, SLIDE COUPLING RING OVER PLUG SUB-ASSEMBLY, THEN POSITION BACK SHELL WITH SUFFICIENT CLEARANCE TO PERMIT FREE ROTATION OF COUPLING RING AND TIGHTEN SET SCREW.



BACK SHELL  
COUPLING RING  
PLUG SUB-ASSEMBLY

NOTES:

1. PL259A-TEF SUPERSEDES PL117. (5/29/56)
2. MAX VOLTAGE: 500 V PEAK
3. DIMENSIONS FOR REF. ONLY



TYPE DESIGNATION TO BE AS FOLLOWS

PL259A — MICA  
MILITARY NUMBER — DIELECTRIC

MATING JACK- SO 239

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
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LIST OF MATERIAL

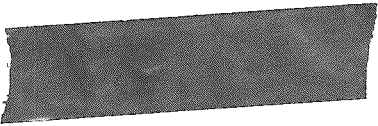
FINAL APPROVAL <i>[Signature]</i>		DATE <i>6/8/67</i>	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MECH. DES. <i>[Signature]</i>		DATE <i>6-8-67</i>				
ELECT. DES.		DATE	PLUG-NAVY TYPE-49195			
CHECKED <i>[Signature]</i>		DATE <i>5-16-67</i>	SIGNAL CORPS TYPE-PL259A			
DRAWN <i>[Signature]</i>		DATE <i>5-16-67</i>	SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
			B	82679	PL 259 A	G
			SCALE	SHEET OF		

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	
	C	

NOTICE TO PERSONS RECEIVING THIS DRAWING  
THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

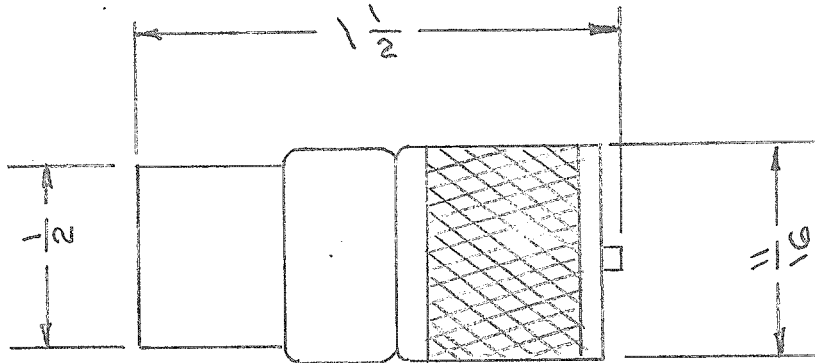
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0° .30'
MATERIAL BRASS	
FINISH SILVER PLATED	

# STANDARD DRAWING



REQ. PER UNIT	USED ON			PL-259
	MODEL	ASS'Y. NO.	DATE	

FOR USE WITH CABLES  
RG-8, 9, 10, 11, 12, 13/U, 63, 65



INSULATION: MICA FILLED BAKELITE

MATING JACK - 50-239

REF: AMPHENOL 83-15P

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK				
			STOCK SIZE				
			BRASS				PLUG - NAVY TYPE - 49190
			MATERIAL				SIGNAL CORP TYPE - PL-259
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. $\pm$			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. $\pm$							
ANGULAR DIM. $\pm$							
TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED	
SILVER PLATED				JAC		A.J.J.	
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.		PL-259	