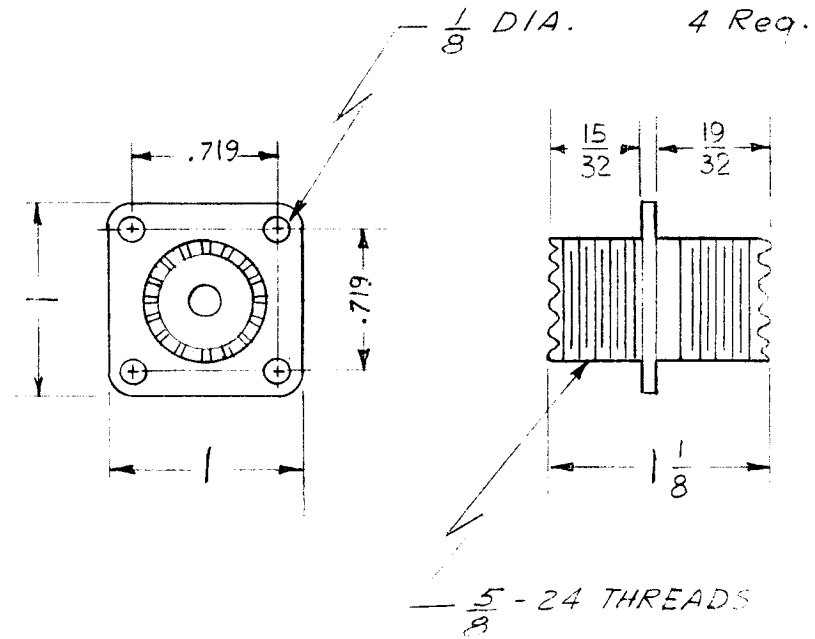


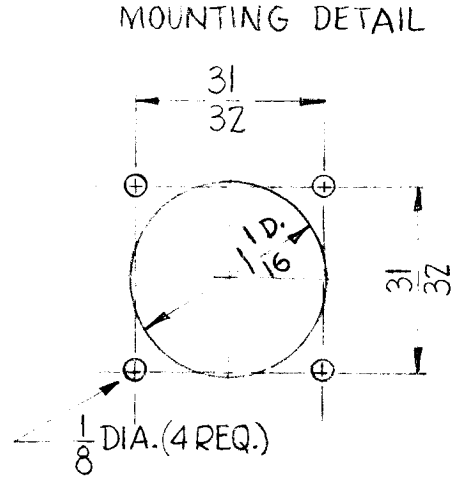
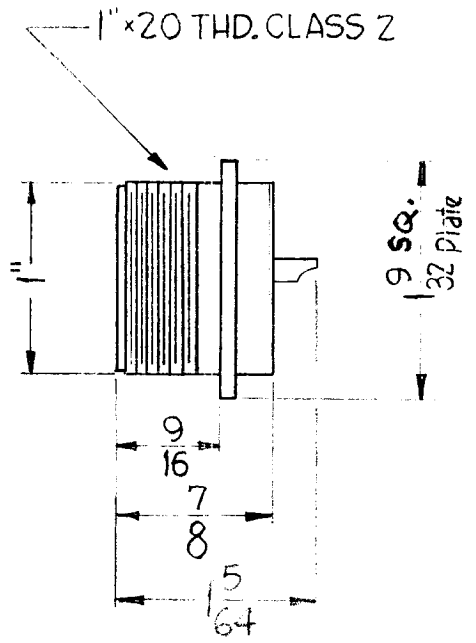
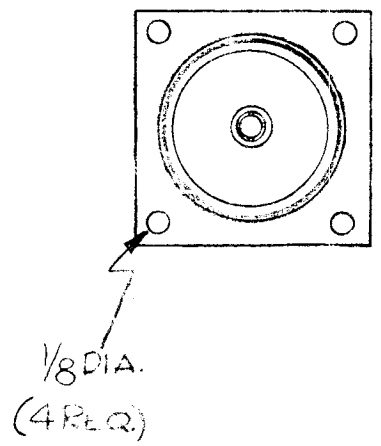
REQ. PER. UNIT	USED ON			UG-307/U
	MODEL	ASS'Y. NO.	DATE	
			6-14-61	

SERIES: UHF (F.T.O.R.)
 BODY MATERIAL: BRASS, SILVER PLATED
 CONTACT MATERIAL: BERYLLIUM COPPER,
 SILVER PLATED
 DIELECTRIC: COPOLY



							REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
										THE TECHNICAL MATERIEL CORP.				
										MAMARONECK, NEW YORK				
										ADAPTER, CONNECTOR				
										UHF SERIES				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			<i>De Luis</i> DRAWN	<i>WJ</i> CHECKED	<i>E</i> FINAL APPROVAL		
TOLERANCES			SCALE: DO NOT SCALE											
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				TYPE & TEMPER		HEATTREAT. SPEC.					
FRAC. DIM. ±														
ANGULAR DIM. ±														
							FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP			
											UG-307/U			

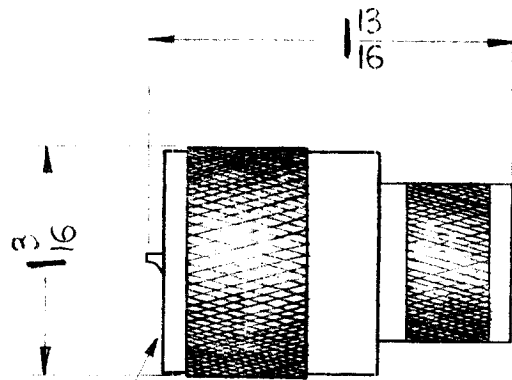
REQ. PER. UNIT	USED ON			UG-357/U
	MODEL	ASS'Y. NO.	DATE	
			3-15-61	



NOTES~
 Female Type
 Mica Filled
 Finish - Silver
 Mating Part UG-358/u

							REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
										THE TECHNICAL MATERIEL CORP.				
							STOCK SIZE			MAMARONECK, NEW YORK				
							MATERIAL			RECEPTACLE; CONNECTOR				
										UHF LARGE				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			DRAWN	CHECKED	FINAL APPROVAL		
TOLERANCES			SCALE: S-401-71 (83-21R)											
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				TYPE & TEMPER		HEATTREAT. SPEC.					
FRAC. DIM. ±							FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP			
ANGULAR DIM. ±													UG-357/U	

REQ. PER. UNIT	USED ON			UG-358/U
	MODEL	ASS'Y. NO.	DATE	
			3-15-61	



CONTACTS - Brass, Silver-Plated
 MATING PART - UG-357/U
 FINISH - SILVER PLATE

THD. 1"x20 CLASS 2

							REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
							STOCK SIZE			PLUG, UHF LARGE (MALE)			
							MATERIAL			FOR RG 34/U			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			Do	2/10		
TOLERANCES			SCALE: 5-401-71 (83 21 SP)				TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									UG-358/U	
							FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP			

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

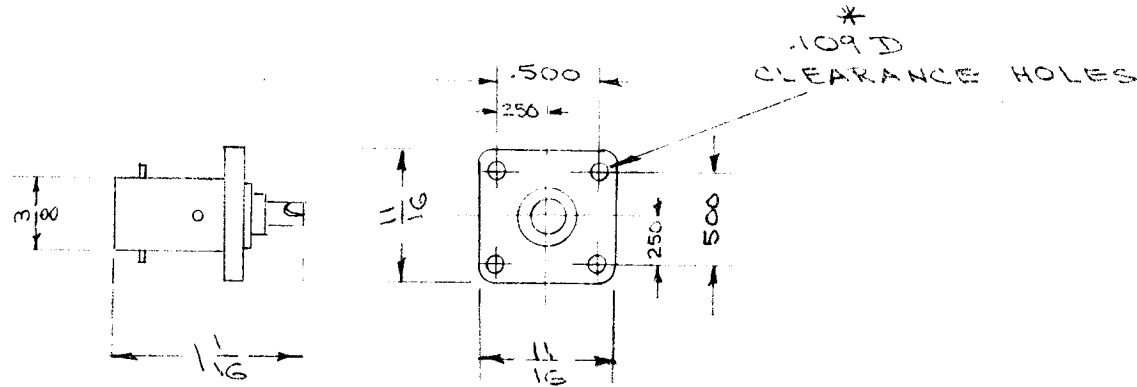
UG-447/U

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ
PER
UNIT

USED ON

REQ PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	TR2-10	296	A-745	5/4/54



* NOTE:
WHEN TAPPED HOLES ARE REQ.
USE UG-290/U.

REF: AMPHENOL # 31-817

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
STOCK SIZE			CONNECTOR, RECEPTACLE SERIES BNC	
MATERIAL		WEIGHT PER PC.		
TYPE & TEMPER			JAD 5/4/54	AKB
			DRAWN	ELEC. DES. APP.
HEAT TREAT. SPEC.			CS 5/4/54	213
			CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.			UG-447/U	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

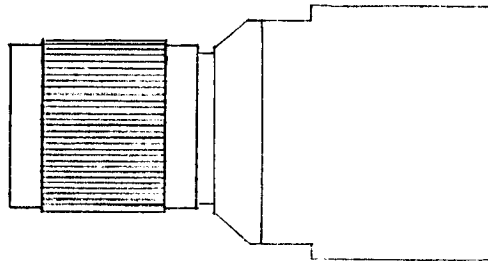
UG-495/U A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

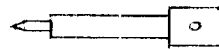
USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
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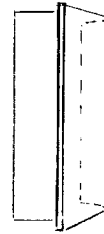
NAVY DWG. NO. REA9F536
USE WITH CABLES RG 17/U, 18/U



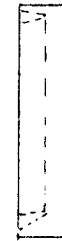
PLUG BODY



CONTACT



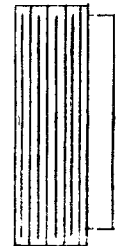
CLAMP



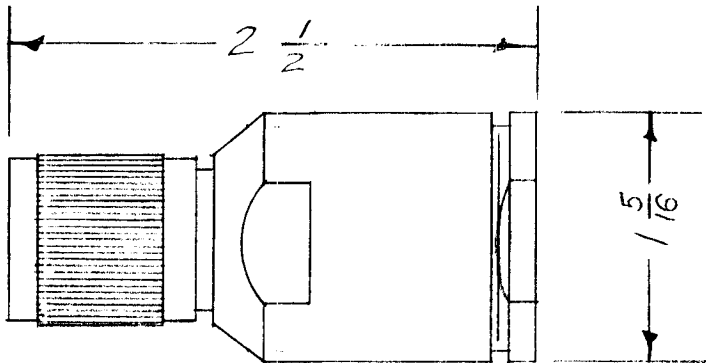
GASKET



WASHER



NUT



DIM. FOR REF. ONLY

REF.: INDUSTRIAL PRODUCT CO * 20500

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP.	
			MAMARONECK, NEW YORK	
			CONNECTOR, PLUG	
			SERIES HN	
			16-11-20-53	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
				UG-495/U A

A	1	PICTORIAL CLARIFIED	5/8/58	1	HSE			
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	

TOLERANCES		SCALE FULL
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

UG-496/U

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

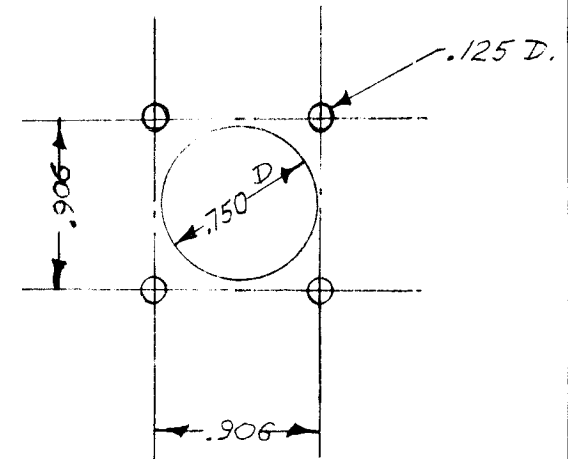
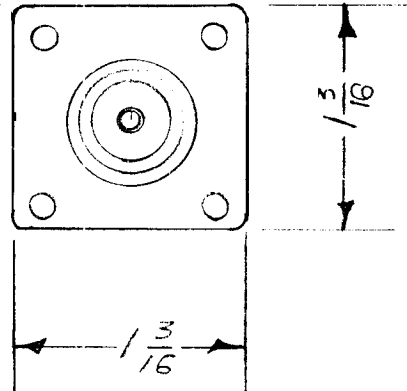
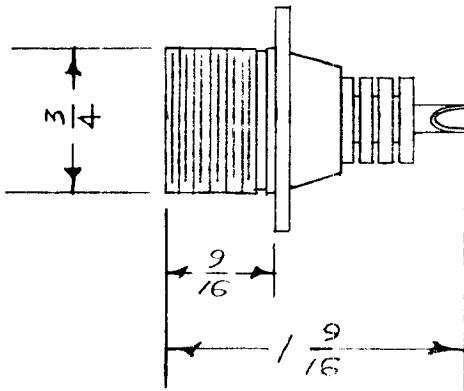
MODEL

PROJECT NO.

ASS'Y. NO.

DATE

NAVY DWG. NO. RE 49F 547
USE WITH CABLES RG 17/U, 18/U



DIM. FOR REF. ONLY (EXCEPT DRILLING PLAN)

REF.: AMPHENOL 82-92

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		<i>ff</i>	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		<i>ff</i>	CONNECTOR, RECEPTACLE	
		MATERIAL	SERIES HN	
		WEIGHT PER PC.		
		<i>ff</i>		
		TYPE & TEMPER		
		<i>ff</i>		
		HEAT TREAT. SPEC.		
		<i>ff</i>		
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

SCALE FULL

ALL OTHERS
DEC. DIM. \pm
FRAC. DIM. \pm
ANGULAR DIM. \pm

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

16 11 20 1952
DRAWN
CHECKED
FINAL APPROVAL

UG-496/U

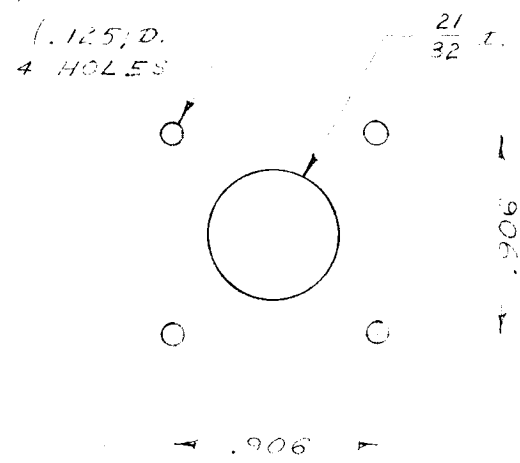
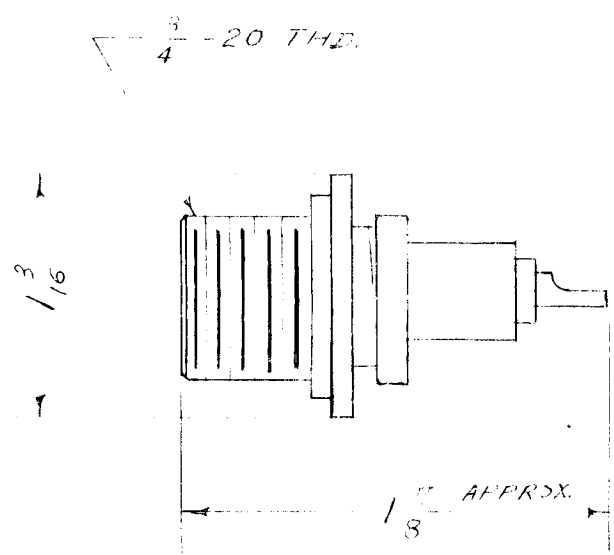
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

REVISIONS

UG-560/U

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON			
	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	RAC-14			5-24-55



DIELECTRIC MATERIAL-TEFLON

MOUNTING DETAIL

HEAT TREATMENT # 82-805

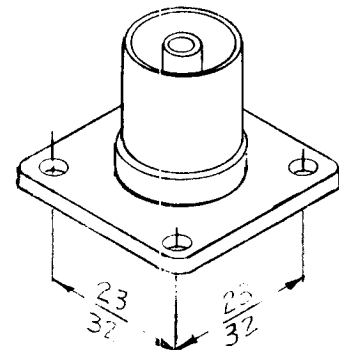
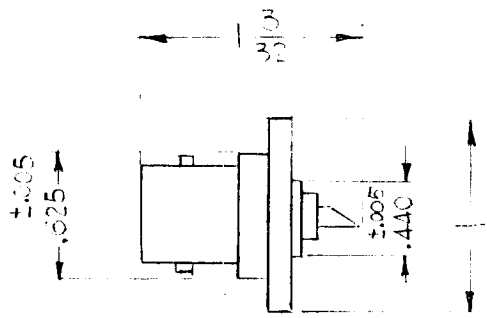
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		//	THE TECHNICAL MATERIEL CORP.	
		STOCK SIZE	MAMARONECK. NEW YORK	
	BRASS	.093	CONNECTOR, RECEPTACLE	
		MATERIAL	(SERIES HN)	
		WEIGHT PER PC.		
		TYPE & TEMPER	1.3 5 24 55	WIK
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	FILE	ORP
		SILVER PLATED	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		UG-560/U

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE				
ALL OTHERS	DEC. DIM. ±	FRAC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				
	ANGULAR DIM. ±						

STANDARD DRAWING

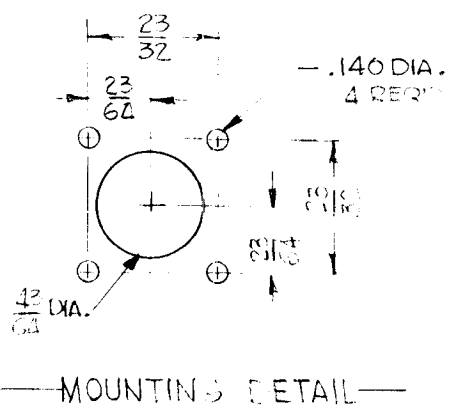
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE FOR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON			UG-568/U	C
	MODEL	ASS'Y. NO.	DATE		
	STANDARD		7-10-63		



- SPECIFICATIONS: —
- SERIES - C BAYONET
- NO. OF CONTACTS - 1
- TYPE OF CONTACT - FEMALE
- DIELECTRIC - TEFLON
- ELECTRICAL DATA: —
- MAX. PEAK OPR. VOLT - 1,000
- FREQ. LIMIT - 10,000 MCS
- NOMINAL IMPEDANCE - 50
- CABLE ACCOMODATIONS —
- TYPE - SOLDER CUP
- MATING ACCOMMODATIONS —
- TYPE - C
- MATERIAL —
- EXTERNAL PARTS - MACHINED BRASS
- CONTACT - BERYLLIUM COPPER
- GASKET - NONE
- FINISH —
- EXTERNAL PARTS - SILVER PLATED
- CONTACT - SILVER PLATED (OPTIONAL GOLD FLASH ON SILVER PLATE)
- PANEL -
- MAX. THICKNESS - NONE

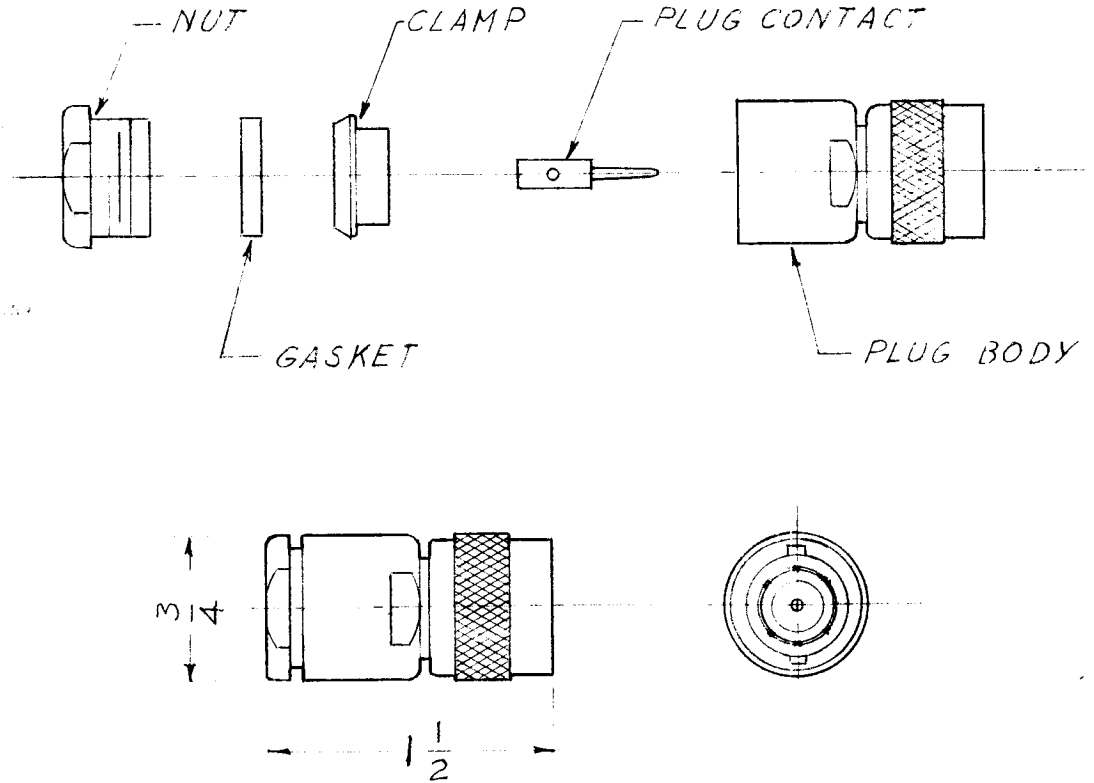
NOTE:
DIMENSIONS FOR REF. ONLY



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
C			IN SPEC. ADDED NOTE TO CONTACT	
B			REDRAWN & SPEC. ADDED	
SYM				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			SCALE	
			NOT SCALE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE	
			3401-71 (782-504)	
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED
				FINAL APPROVAL
				ELEC. DES. APP. MECH. DES. APP.
				UG-568/U C

REQ. PER. UNIT	USED ON			UG-573*/U	A
	MODEL	ASS'Y. NO.	DATE		
			6-15-61		

BODY MATERIAL : BRASS, SILVER PLATED
 CONTACT MATERIAL : BERYLLIUM COPPER,
 SILVER PLATED
 (GOLD FLASH ON SILVER PLATE
 OPTIONAL)
 CASKET : SILICONE
 DIELECTRIC : TEFLON
 CABLES : RG 8/U, RG-9/U
 NOMINAL IMPEDANCE : CON. 50 OHM FOR 30 IN.
 VOLTAGE : 1500V @ 10,000 MCS
 9000V @ 3,000 MCS
 SERIES : C



REF: USE C-365/C FOR CABLE ASSY

								REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL					
											THE TECHNICAL MATERIEL CORP.								
								STOCK SIZE			MAMARONECK, NEW YORK								
								MATERIAL			PLUG, CONNECTOR								
											SERIES "C"								
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			DRAWN		CHECKED	FINAL APPROVAL						
A	1	UPDATED WITH CHANGES	1/2/64	10652						[Signature]		[Signature]	[Signature]						
TOLERANCES			SCALE:					TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED					
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									[Signature]		[Signature]					
FRAC. DIM. ±														[Signature]		[Signature]		[Signature]	
ANGULAR DIM. ±																[Signature]		[Signature]	
								FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.		UG-573*/U A					

STANDARD DRAWING

UG-604/U A

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

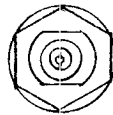
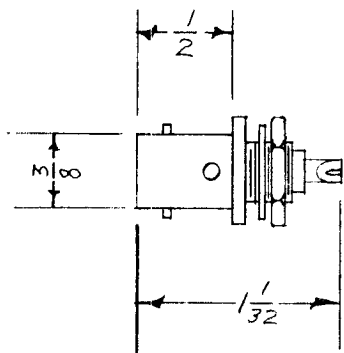
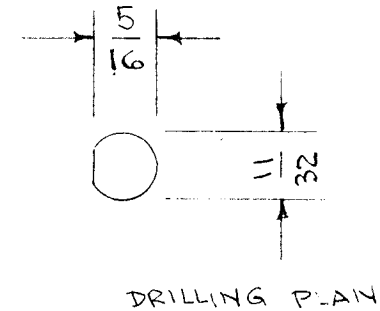
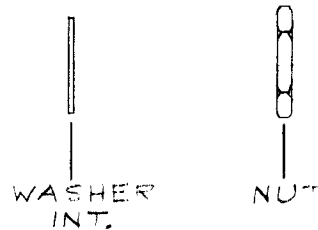
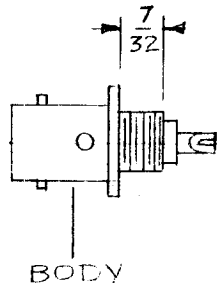
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



DIM. FOR REF ONLY

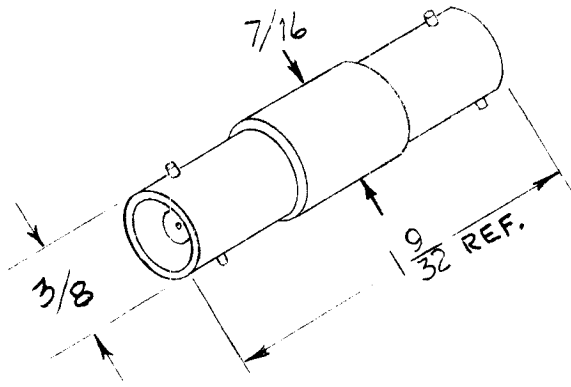
REF.: DIAMOND MFG. CO.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		---	THE TECHNICAL MATERIEL CORP.	
		---	MAMARONECK. NEW YORK	
		---	CONNECTOR, RECEPTACLE	
		---	SERIES BNC	
		---	16 11-19-53	
		---	DRAWN	ELEC. DES. APP. MECH. DES. APP.
		---	CHECKED	FINAL APPROVAL <i>WDE</i>
		---		UG-604/U A

A	1	DRILLING PLAN ADDED	6/23/54	1	CDD	JAC	JAC
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE FULL
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS' TOLERANCES ARE NOT INCLUDED.

REQ. PER. UNIT	USED ON			UG-914/U	A
	MODEL	ASSY. NO.	DATE		
			2-2-61		

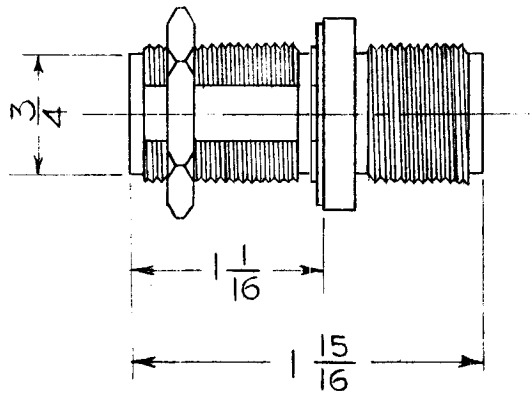


WEATHER PROOF : YES
 MAX. VOLTAGE : 500 V MAX.
 5000 V IN HIGH VOLTAGE SERIES
 PRACTICAL FREQ LIMIT: IN 50-Ω SYSTEM 10,000 MC/SEC
 DIELECTRIC : TEFLON
 MATERIEL : BRASS
 FINISH : SILVER PLATED

PER. MIL. STD. MS 35184

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
A		CHG'D 7/16 TO 3/8. ADD 7/16 DIM & MIL STD. NOTE	12-7-66	17411	RME	<i>[Signature]</i>					THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK ADAPTER, STRAIGHT SERIES BNC	A	
TOLERANCES			SCALE:					TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	UG-914/U	A

REQ. PER UNIT	USED ON			UG-1019/U
	MODEL	ASS'Y. NO.	DATE	
1	GPT-10K		11-29-60	



NOTE -

INSULATION TEFLON
PRESSURIZED
BOTH ENDS-HN FEMALE

MATING PLUGS-UG-59B/U, UG-495/U

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL						
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK								
			ADAPTER, CONNECTOR, HN TO HN								
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.				
TOLERANCES			SCALE:								
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								
TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN		CHECKED	FINAL APPROVAL					
FINISH & SPEC. NO.			ELEC. DES. APP		MECH. DES. APP	UG-1019/U					