

REQ. PER UNIT	USED ON			SA 100	Ø
	MODEL	ASS'Y. NO.	DATE		

**SPECIFICATIONS**

SERIES: ADAPTER QDL TO QDS  
 NO. OF CONTACTS; 1  
 TYPE OF CONTACT: QDL MALE TO QDS MALE  
 DIELECTRIC: TEFLON

**ELECTRICAL DATA**

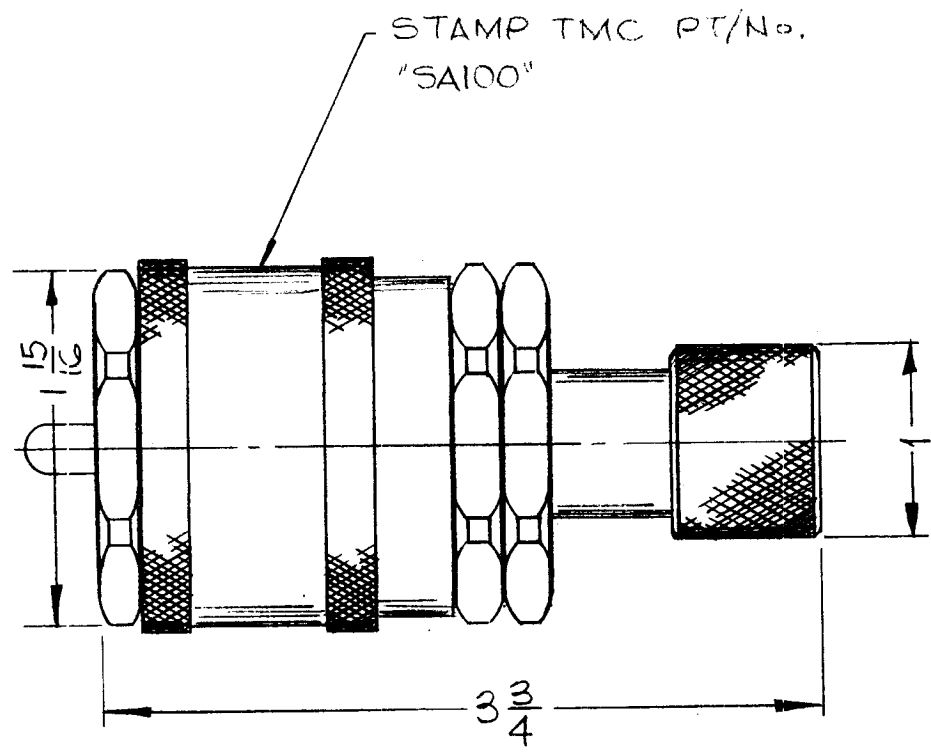
MAX. PEAK OPR. VOLT: 5,000  
 FREQ. LIMIT: 10K MHZ  
 NOMINAL IMPEDANCE: 50 OHMS

CABLE ACCOMODATIONS:  
 TYPE: NONE

MATERIAL:  
 EXTERNAL PARTS: BRASS  
 CONTACT: BERYLLIUM COPPER  
 GASKET: NONE

FINISH:  
 EXTERNAL PARTS: SILVER PLATE & RHOD. FLASH  
 CONTACT: SILVER PLATE & GOLD FLASH

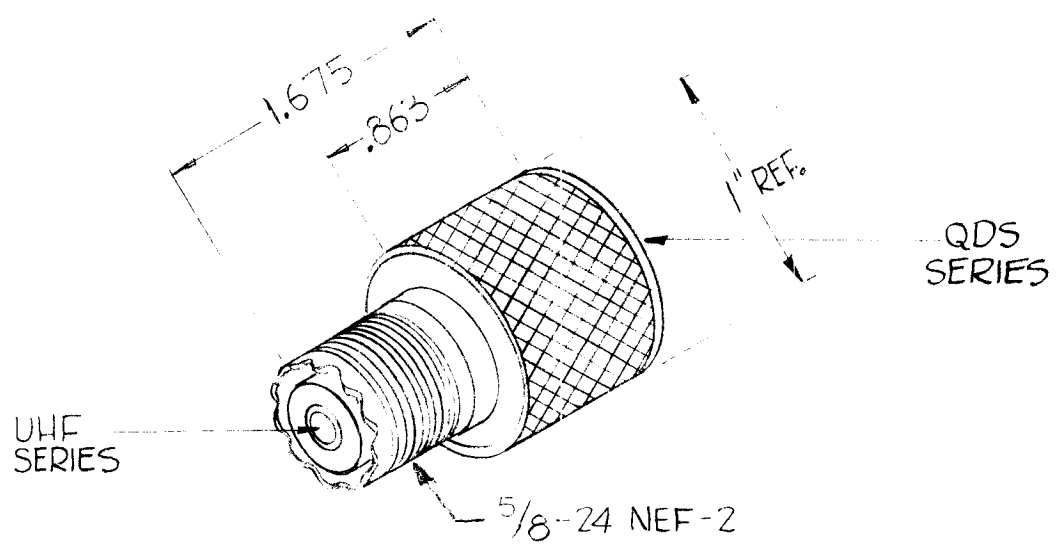
MATING CONNECTOR:  
 QDS FEMALE SERIES:  
 QDL FEMALE SERIES:



REQ. ITEM	PART NO.	MARTINENGO	DESCRIPTION	SYMBOL
	<del>4</del>		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE		ADAPTER	
	SEE SPECS.		QDL TO QDS	
	MATERIAL			
	<del>4</del>	<del>4</del>	3-23-66 H. AUSTIN	
	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
	SEE SPECS.			FINAL APPROVAL
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	SA 100   Ø

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIG. RELEASE FOR PROD.	9-11-67	Ø	RG		HQ
XI	PT/No. Note added	2-20-67	+	LHD		AM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE <del>4</del>				
DECIMALS .X ± .015 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE C	S401-70(2378)			

REQ. PER. UNIT	USED ON			SA-101
	MODEL	AS 'Y. N .	DATE	
			5/11/61	



SPECIFICATIONS  
 SERIES ~ QDS to UHF  
 NO OF CONTACTS ~ (1) ONE EACH ENT.  
 TYPE OF CONTACTS ~ QDS MALE, UHF (FL)  
ELECTRICAL DATA  
 MAX. PEAK OPR. VOLT. ~  
 NOM. IMPEDANCE ~

MATERIAL  
 EXTERNAL PARTS ~ BRASS  
 CONTACTS ~ MALE - BRASS  
 FEMALE - BERYLLIUM COPPER  
 O'RING ~ SILICONE, RUBBER  
FINISH  
 EXT. PARTS ~ SILVER PLATE & RHODIUM  
 FLASH.  
 CONTACTS ~ SILVER PLATE & GOLD  
 FLASH.

NOTE ~ NOMENCLATURE WAS P-162

								REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
										THE TECHNICAL MATERIEL CORP.		
										MAMARONECK, NEW YORK		
										ADAPTER, CONNECTOR		
										QDS to UHF		
										DRAWN		
										CHECKED		
										FINAL APPROVAL		
										SA-101		
										ELEC. DES. APP		
										MECH. DES. APP		

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: 3-401-70 (3261)				
D. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
C. DIM. ±							
JLAR DIM. ±							

REQ. PER UNIT	USED ON		SA-102
	MODEL	ASS'Y. NO.	
	QDL		5-10-61

SPECIFICATIONS

SERIES ~ QDL  
 NO OF CONTACTS ~ ONE (1) + (1)  
 TYPE OF CONTACT ~ FEMALE, MALE  
 DIELECTRIC ~ TEFLON

ELECTRICAL DATA

MAX. PEAK VOLT. ~ 10KV  
 FREQ. LIMIT ~ 1000 MCS  
 NOM. IMPEDANCE ~ 50Ω

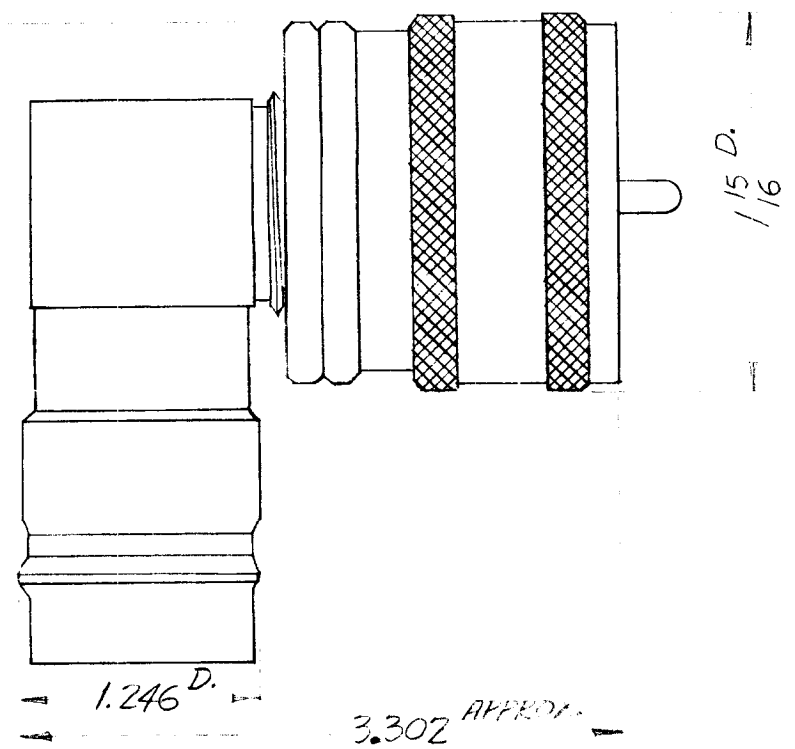
MATING ACCOMODATIONS

TYPE ~ QDL

MATERIAL

EXTERNAL PARTS ~ BRASS  
 CONTACTS ~ MALE-BRASS; FEMALE-BERYLLIUM  
FINISH  
 ENTENAL PARTS ~ SILVER PLATE & RHODIUM FLASH.  
 CONTACTS ~ SILVER PLATE & GOLD FLASH

APPROX.  
3.050

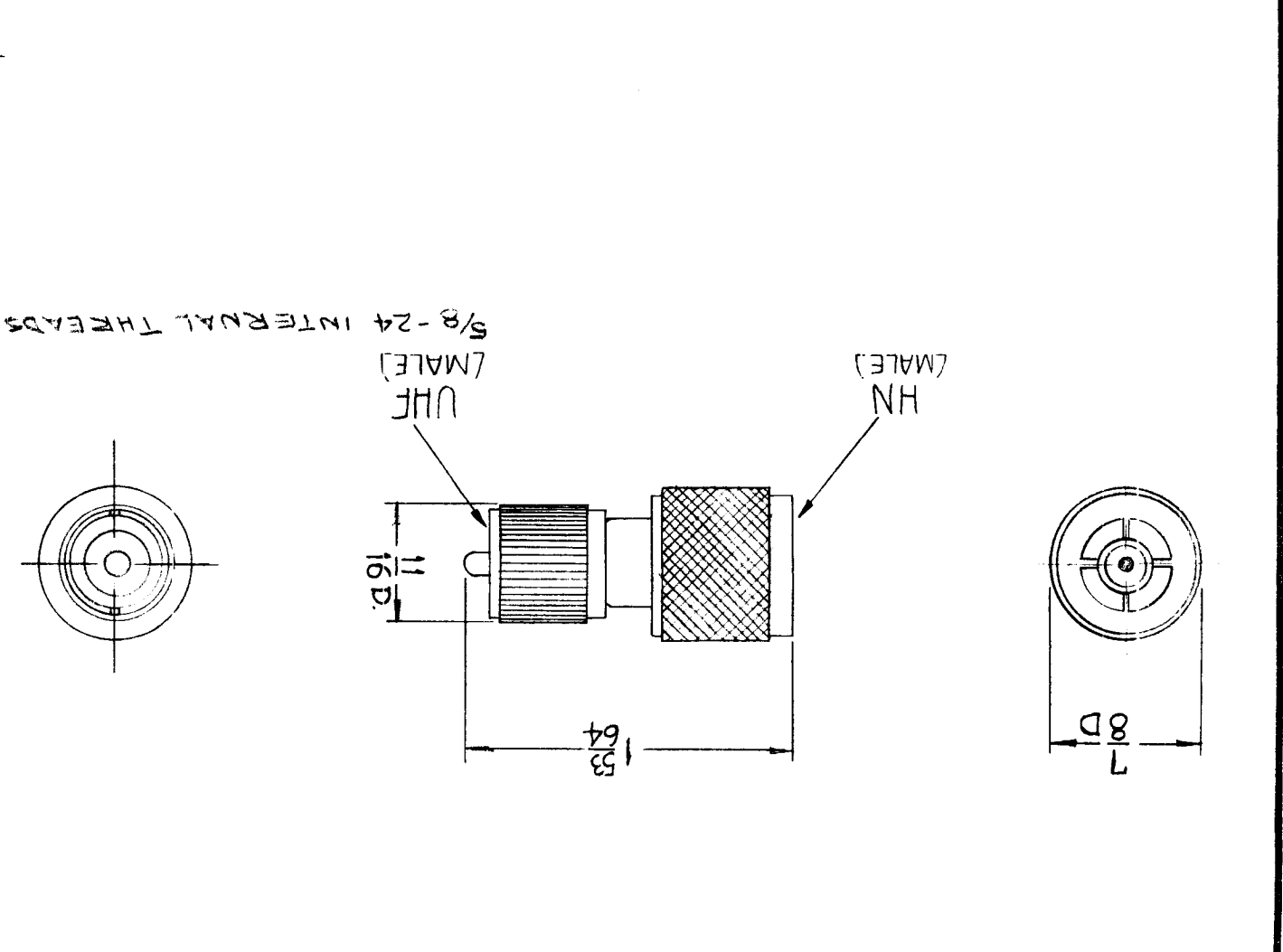


NOTE: NOMENCLATURE WAS PL-142

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
											<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK ADAPTER, CONNECTOR RIGHT ANGLE, QDL		
								STOCK SIZE					
								MATERIAL					
TOLERANCES			SCALE: 5-401-70 (1061)					TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										
FRAC. DIM. ±													
ANGULAR DIM. ±							FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	SA-102		

DEC. DIM. ±		TOLERANCES		ISSUE ITEM		CHANGED FROM		DATE		CH. NO.		DRAFTS		CHECKER		ENG. APP.		SCALE: S-401-10 (9071)		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
FRAC. DIM. ±		TOLERANCES		ISSUE ITEM		CHANGED FROM		DATE		CH. NO.		DRAFTS		CHECKER		ENG. APP.		SCALE: S-401-10 (9071)		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
ANGULAR DIM. ±		TOLERANCES		ISSUE ITEM		CHANGED FROM		DATE		CH. NO.		DRAFTS		CHECKER		ENG. APP.		SCALE: S-401-10 (9071)		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.		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
MATERIAL		STOCK SIZE		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
PART NO.		DESCRIPTION		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
REQ. ITEM		DESCRIPTION		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
THE TECHNICAL MATERIEL CORP.		MAMARONECK, NEW YORK		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
ADAPTER, CONNECTOR		MAMARONECK, NEW YORK		DRAWN		CHECKED		FINAL APPROVAL		SA-103											
HN to UHF		MAMARONECK, NEW YORK		DRAWN		CHECKED		FINAL APPROVAL		SA-103											

SPECIFICATIONS  
 SERIES ~ HN TO UHF  
 NO. OF CONTACTS ~ ONE (1) EACH END  
 TYPE OF CONTACT ~ MALE  
 DIELECTRIC ~ TEFLON  
 ELECTRICAL DATA  
 MAX. PEAK VOLT. ~  
 FREQ. LIMIT ~  
 NOM. IMPEDANCE ~  
 MATERIAL  
 EXTERNAL PARTS ~ BRASS  
 CONTACTS ~ BRASS  
 FINISH  
 EXTERNAL PARTS ~ SILVER PLATE + RHODIUM  
 FLASH  
 CONTACTS ~ SILVER PLATE + GOLD FLASH.  
 NOTE ~  
 NOMENCLATURE WAS JJ-186



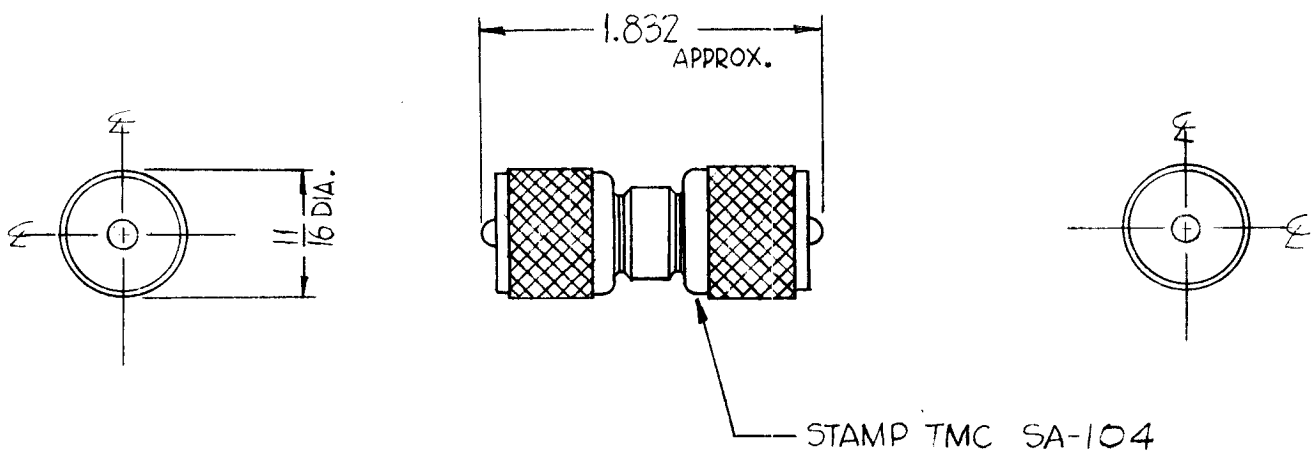
REQ. PER UNIT	MODEL	ASSY. NO.	DATE	SA-103
USED ON	DATE	5-11-61		

REQ. PER. UNIT	USED ON			SA-104
	MODEL	ASSY. NO.	DATE	
			5-12-61	

SPECIFICATION  
 SERIES - UHF  
 NO OF CONTACTS - (1) EACH END  
 TYPE OF CONTACT - MALE  
 DIELECTRIC - TEFLON  
 ELECTRICAL DATA  
 MAX. PEAK VOLT. -  
 FREQ LIMIT -  
 NOM. IMPEDANCE -

MATERIAL  
 EXTERNAL PARTS - BRASS  
 CONTACT - BRASS  
 FINISH  
 EXTERNAL PARTS - SILVER PLATE  
 & RHODIUM FLASH  
 CONTACT - SILVER PLATE & GOLD  
 FLASH

NOTE - NOMENCLATURE WAS JJ-188



								REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL			
											THE TECHNICAL MATERIEL CORP.					
											MAMARONECK, NEW YORK					
											ADAPTER, CONNECTOR					
											UHF					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL		DRAWN		CHECKED	FINAL APPROVAL			
TOLERANCES			SCALE: S401-70(9146)					TYPE & TEMPER		HEAT TREAT. SPEC.		ELEC. DES. APP		MECH. DES. APP		
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									SA-104				
FRAC. DIM. ±																
ANGULAR DIM. ±																
								FINISH & SPEC. NO.			ELEC. DES. APP		MECH. DES. APP			

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REQ. PER UNIT

MODEL

USED ON

ASS'Y. NO.

DATE

6-11-62

SA-106

**SPECIFICATIONS:**

Series - UHF

No. of Contacts - One(1)

Type of Contact - Male and Female

Dielectric - Teflon

**ELECTRICAL DATA:**

Max. Peak Opr. Volt - 5,000 Volts

Freq. Limit -

Nominal Impedance - 50 Ohms

**MATING ACCOMMODATIONS:**

Type - QDS

**MATERIAL:**

External Parts - Brass

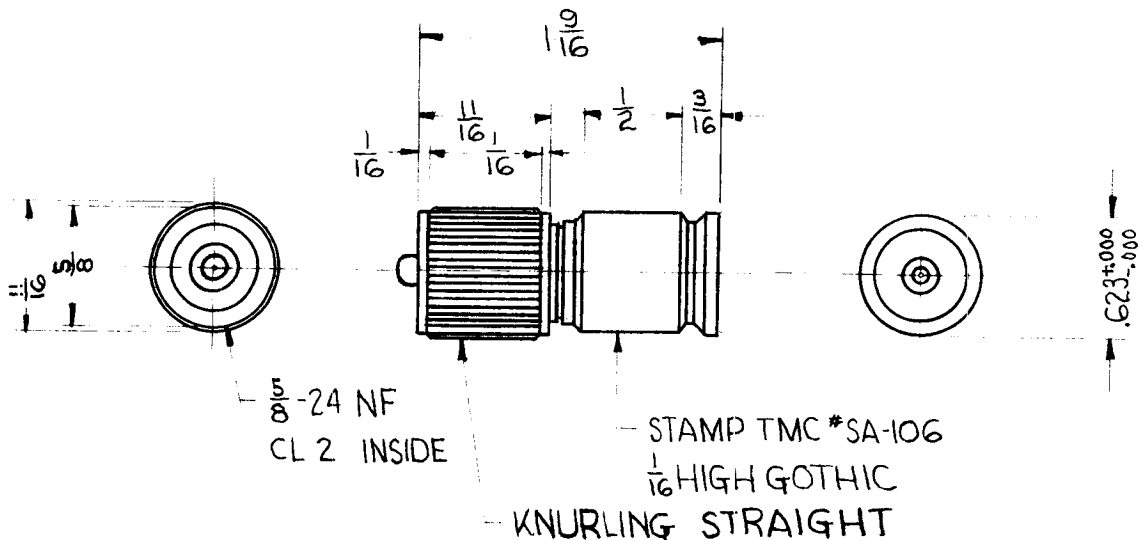
Contact - Brass

Gasket -

**FINISH:**

External Parts - Silver Plate,  
Rhodium Flash

Contact - Silver Plate, Gold Flash



							REQ.	ITEM	PART NO.	PRITCHARD DESCRIPTION	SYMBOL	
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
									SEE NOTE	ADAPTOR, CONNECTOR		
										"UHF"(M) TO "QDS"(F)		
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.						
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ±1/64 DEC. ±.05 ANGLES ±1/2°		S401-70 (2263)								R. Turchin	BP	
		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
							SEE NOTE				6/15/62	SA-106
							FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.	

REQ. PER UNIT	USED ON			SA107	Ø
	MODEL	ASSY. NO.	DATE		

SPECIFICATIONS

SERIES : QDS  
 NO. OF CONTACTS : ONE (1) EACH SIDE  
 TYPE OF CONTACT : FEMALE  
 DIELECTRIC : TEFLON

ELECTRICAL DATA :

MAX. PEAK OPR. VOLT : 5.000  
 FREQ. LIMIT : 10,000 MHZ  
 NOMINAL IMPEDANCE : 50 OHMS

MATERIAL :

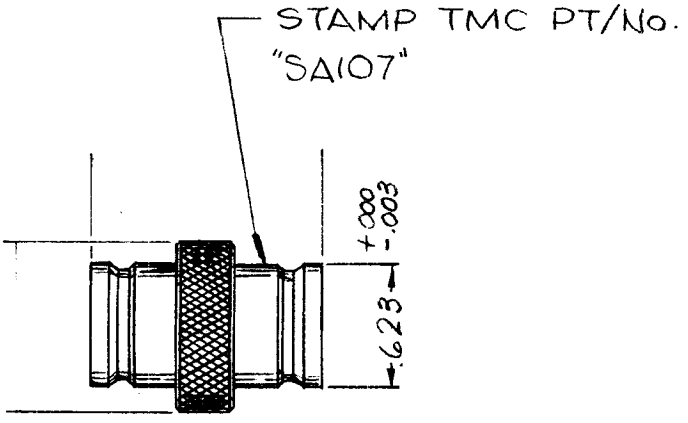
EXTERNAL PARTS : BRASS  
 CONTACT : BERYLLIUM COPPER  
 GASKET : NONE

FINISH :

EXTERNAL PARTS : SILVER PLATE & RHODIUM FLASH  
 CONTACT : SILVER PLATE & GOLD FLASH

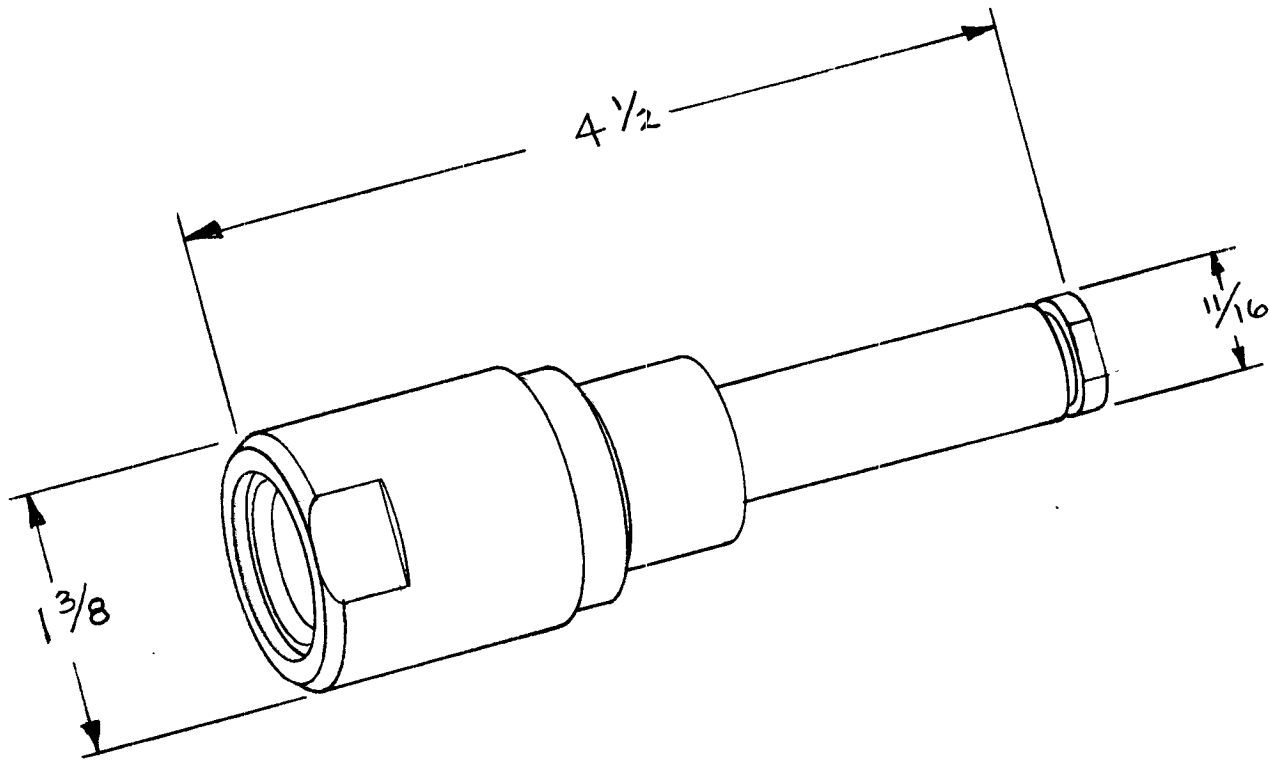
MATING CONNECTOR :

QDS MATING SERIES PL149



SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	MARTINENGO DESCRIPTION	SYMBOL		
Ø	ORIGINAL RELEASE	9/26/69							THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	Ø		
X1	STAMP NOTE ADDED SPECS REVISED	2.17.67			WFO			ADAPTER				
								QDS(F) TO QDS(F)				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES							SCALE					
									3-23-66 HAUSTIN		9/26/69	
							TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPR VAL	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005							TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE C	SA01-70(2270)		
							FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	SA107	Ø	

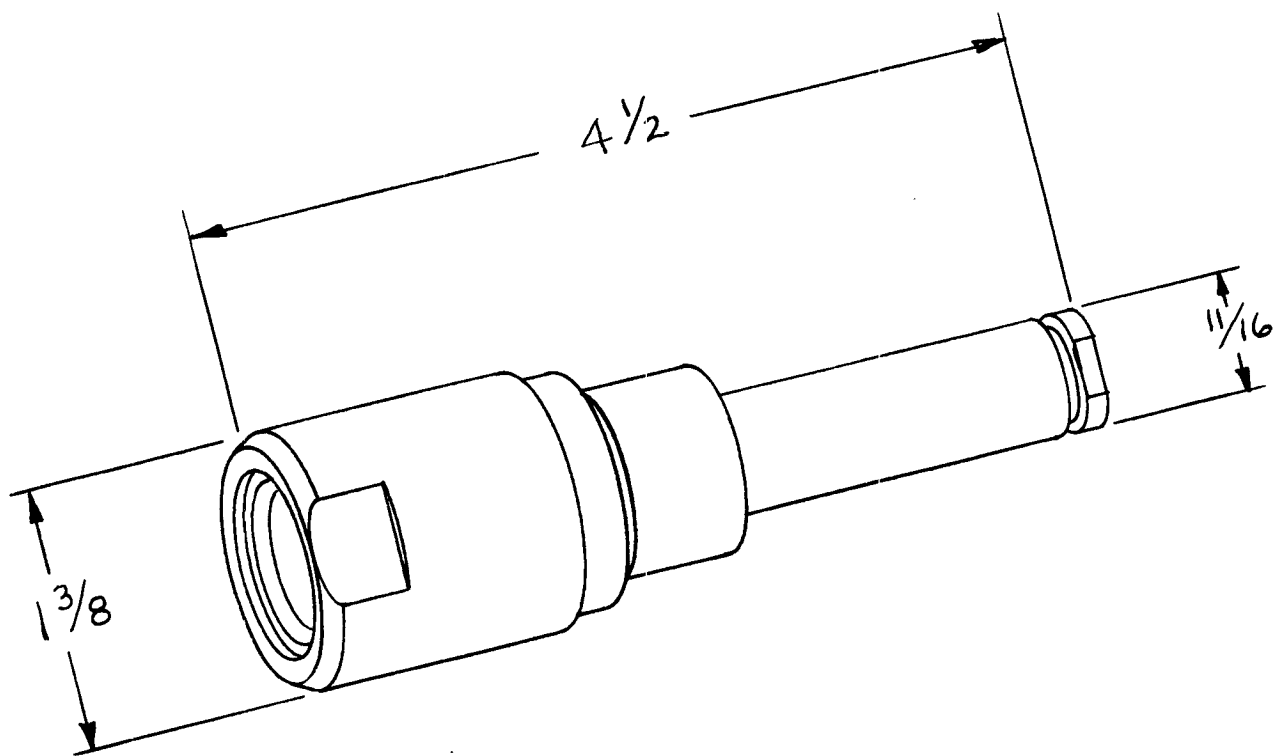
REQ. PER. UNIT	USED ON			SA-112
	MODEL	ASSY. NO.	DATE	



								REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
										CABLE REDUCER		
										RG-17, 18/U TO RG-8, 9, 10/U		
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			MJT		
TOLERANCES			SCALE: S-401-70- (2691)							9-12-61		
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	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	SA-112



REQ. PER UNIT	USED ON			SA-113
	MODEL	ASSY. N.	DATE	



								REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
								STOCK SIZE		CABLE REDUCER			
								MATERIAL		RG-35, 164/U TO RG-11, 12, 13/U			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			MJT			
TOLERANCES			SCALE: S-401-70-2703							9-12-61			
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
FRAC. DIM. ±								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	SA-113	
ANGULAR DIM. ±													

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

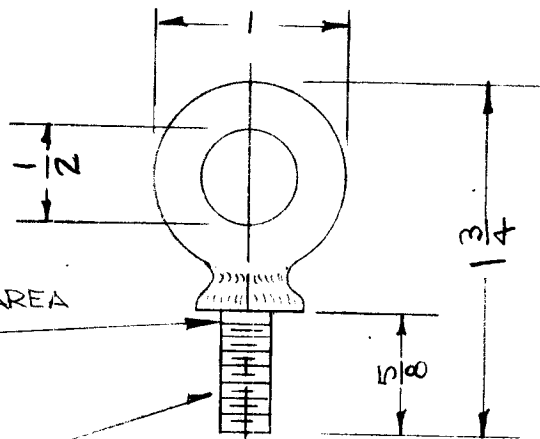
SC-116 E

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

RELEASED

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
DAC-1	180	A-455	5-1-53
TLI		A-1456 A-1684	11-14-57
ATS-TU		A-1522	4-2-58



UNTHREADED AREA  
1/8 MAX.

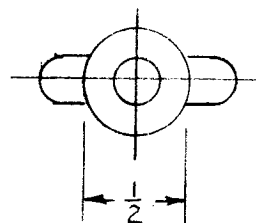
1/4 - 20 THREAD

FINISH CHART	
FINISH	SYMBOL
NO FINISH	N
5105 CADMIUM PLATE	C
5115 - TMC SMOOTH GREY	G
5135 - BRIGHT NICKEL	A

DIMENSIONS FOR REF ONLY

Type Nomenclature to be as follows:

SC-116- N  
TMC DWG. NO. FINISH



ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
E	1	1/8 UNTHREADED AREA ADDED	5/20/63	9049			
D	1	ON FINISH CHART 5135 ADDED	1-30-63	8118			
C	1	W.C. # WAS 5520	12/15/58	3			
B	1	FINISH CHART ADDED SC-116-C WAS SC-116	4/2/58	2			
A	1	REF. WAS CRITNON	7/28	1			

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

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			STOCK SIZE	
			BRONZE	
			MATERIAL	WEIGHT PER PC.
			TYPE & TEMPER	
			HEAT TREAT. SPEC.	
			FINISH & SPEC. NO.	

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
JADe 5/5/53		
JADe		
CHECKED		FINAL APPROVAL

S-401-124 # 2820 MOD	SC-116 E
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REQ. PER UNIT

USED ON

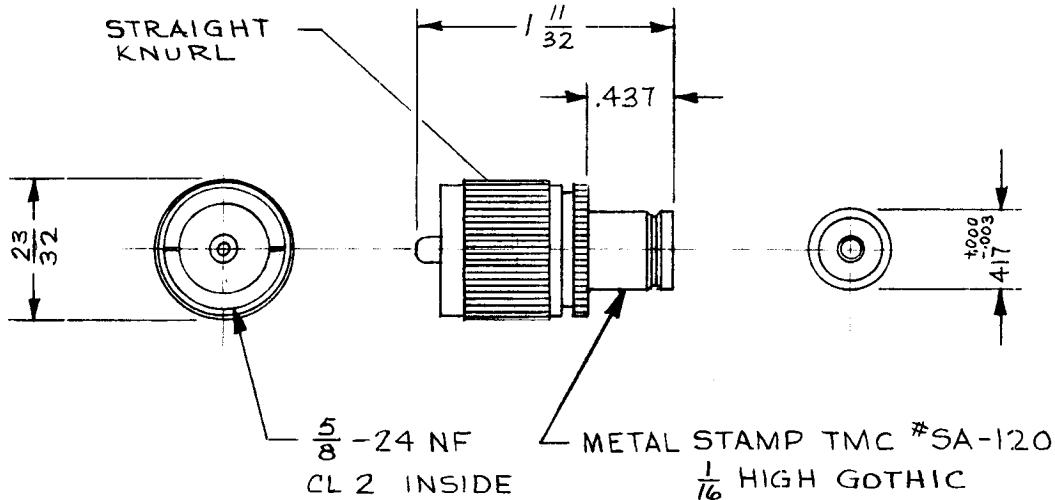
MODEL

ASS'Y. NO.

DATE

10-26-62

SA-120



**SPECIFICATIONS:**

Series - QDM  
 No. of Contacts - ONE (1)  
 Type of Contact - FEMALE  
 Dielectric - TEFLON

**ELECTRICAL DATA:**

Max. Peak Opr. Volt - 500 V  
 Freq. Limit - 10,000  
 Nominal Impedence - 50 OR 70 OHMS

**MATING ACCOMMODATIONS:**

Type - UHF (MALE)

**MATERIAL:**

External Parts - BRASS  
 Contact - BERYLLIUM COPPER  
 Gasket -

**FINISH:**

External Parts - SILVER PLATE & RHODIUM FINISH  
 Contact - SILVER PLATE & GOLD FLASH

REQ.	ITEM	PART NO.	MATERIAL				DESCRIPTION	SYMBOL
			MATERIAL				THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
			STOCK SIZE				ADAPTER, CONNECTOR	
			SEE NOTE				"UHF"(M) TO "QDM"(F)	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE						
TOLERANCES		CODE	S 401-70 (2623)					
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'						
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.		SA-120			

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

REQ. PER UNIT

MODEL

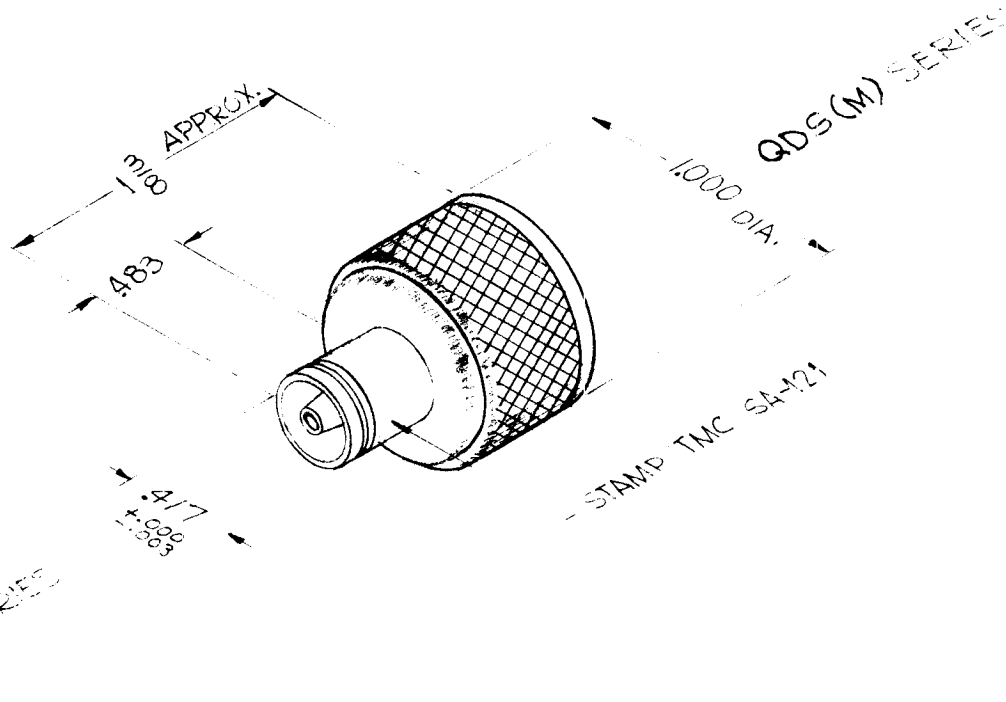
USED ON

ASS'Y. NO.

DATE

9-4-62

SA-121



SPECIFICATIONS

SERIES ~ QDS(M) TO QDM(F).  
 NO OF CONTACTS ~ 1 ONE EACH END.  
 TYPE OF CONTACTS ~ QDS(M) & QDM(F).  
 DIELECTRIC ~ TEFLON.

ELECTRICAL DATA

MAX. PEAK OPR. VOLT ~  
 FREQ. LIMIT ~  
 NOMINAL IMPEDANCE ~

MATING ACCOMODATIONS

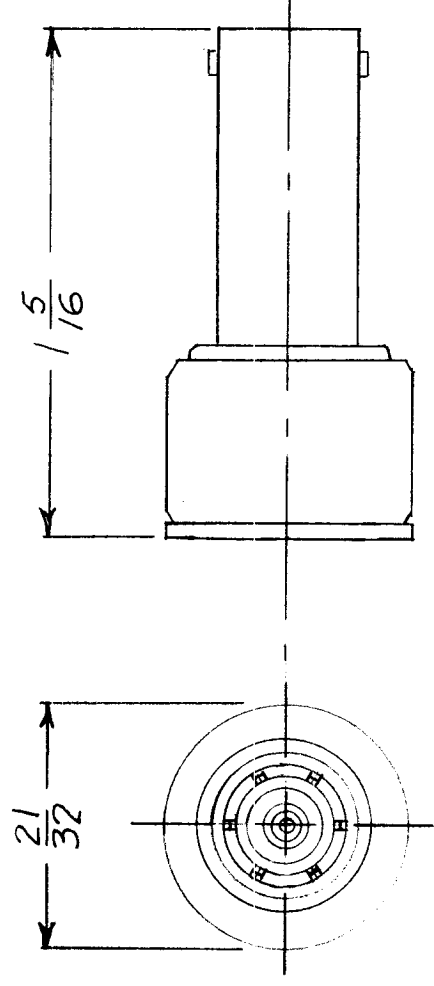
TYPE ~ QDM

MATERIAL

EXTERNAL PARTS ~ BRASS  
 CONTACT ~ BERYLLIUM COPPER  
 GASKET ~  
 BODY ~ BRASS  
FINISH  
 EXTERNAL PARTS ~ SILVER PLATE & RHODIUM FLASH  
 CONTACTS ~ SILVER PLATE & GOLD FLASH  
 BODY ~ SILVER PLATE & RHODIUM FLASH

							REQ.	ITEM	PART NO.	MARTINENGO DESCRIPTION	SYMBOL	
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK ADAPTED CONNECTOR RE. QDS(M) TO QDM(F)		
									STOCK SIZE			
									MATERIAL			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.				SKG J De BP		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: S401-70(2624)					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 MECH. DES. APP.	FINAL APPROVAL SA-121	
									FINISH & SPEC. NO.	ELEC. DES. APP.		

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APFD
			X	EXP. RELEASE	2.6.68		AS		GM
			Ø	ORIG. RELEASE FOR PROD.	1-9-69	Ø	R.G.		JS

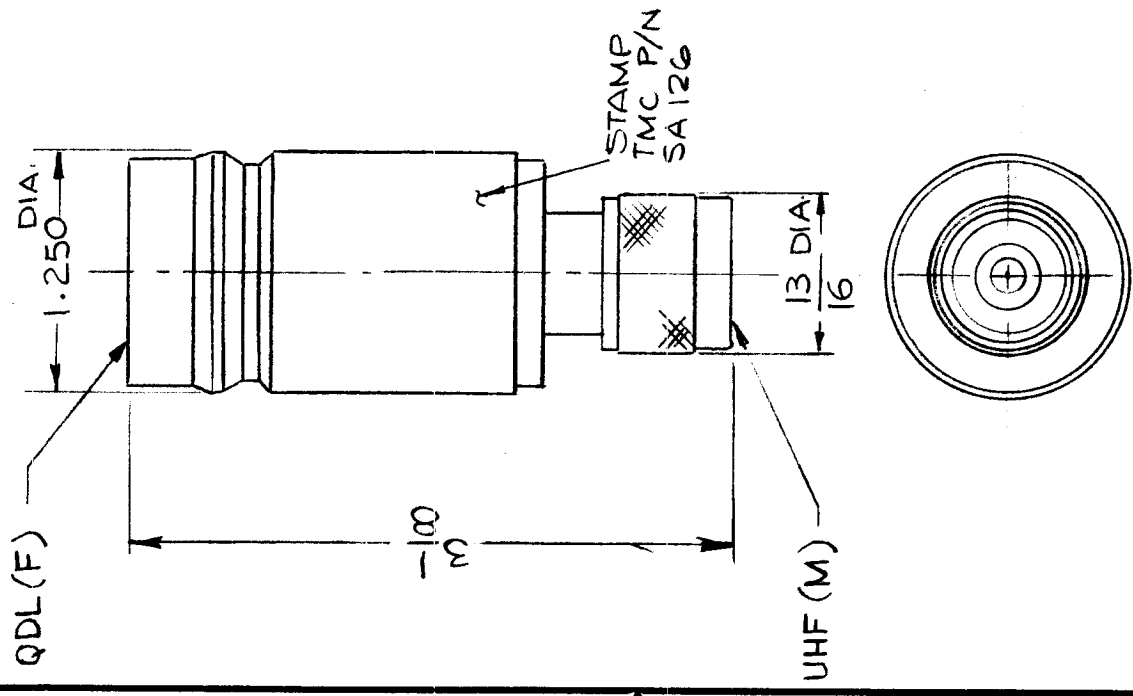


DIELECTRIC: TEFLON

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS X ± .05 .XX ± .01 .XXX ± .005	A. MARTINENGO LIST OF MATERIAL			
FRACTIONS 1/64 TOLS. ANGLES 0°-30°	FINAL APPROVAL <i>GM</i>	DATE 12.10.68	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL	MECH. DES.	DATE	ADAPTER, QDM(M)-BNC(F)	
FINISH	ELECT. DES.	DATE	MAMARONECK, NEW YORK	
S401-70(2964)	CHECKED <i>AS</i>	DATE 2-8-68	SIZE CODE IDENT. NO. DWG NO. ISSUE A 82679 SA 125 Ø	
	DRAWN <i>AS</i>	DATE 2.6.68	SCALE SHEET OF	

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APPLICATION		REVISIONS							
QTY	MODEL USED ON	ASSY NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APRD
	STANDARD		X	EXP. RELEASE	2-20-67	-	G.D.L.		<i>CHB</i>
			XI	ADDED ELEC. DATA TO SPEC.	9-18-67		C.V.	<i>W</i>	<i>all</i>
			Ø	EXP. RELEASE	9/22/68				



SPECIFICATIONS

SERIES: QDL TO UHF

NO OF CONTACTS: ONE I EACH END

TYPE OF CONTACTS: ONE MALE, ONE FEMALE

DIELECTRIC: TEFLON

MATERIAL

EXTERNAL PARTS: BRASS

CONTACTS: FEMALE-BERYLLIUM COPPER  
MALE BRASS

FINISH

EXTERNAL PARTS: SILVER PLATE & RHODIUM  
FLASH.

CONTACTS: SILVER PLATE AND GOLD FLASH

ELECTRICAL DATA:

MAX PEAK VOLTAGE: 500 V  
FREQ. LIMIT: 200-500 MHz  
NOMINAL IMPEDANCE: 50 Ω

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS		MARTINENGO				
FRACTIONS		LIST OF MATERIAL				
X ± .05 TOLS. 1/64		THE TECHNICAL MATERIEL CORP.				
.XX ± .01 ANGLES 0°-30'		MAMARONECK, NEW YORK				
.XXX ± .005		ADAPTER, QDL(F) TO UHF (M)				
MATERIAL SEE MATERIAL NOTE		SIZE				
FINISH SEE FINISH NOTE		CODE IDENT. NO.				
S401-70 (2973)		DWG NO.				
		A 82679				
		SCALE 1:1				
		SHEET				
		OF				

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# STANDARD DRAWING

REQ. PER UNIT	USED ON			SA127	Ø
	MODEL	ASS'Y. NO.	DATE		

## SPECIFICATIONS

SERIES--QDS TO N  
 NO. OF CONTACTS--TWO (2)  
 TYPE OF CONTACT--N-FEMALE/QDS-MALE  
 DIELECTRIC--TEFLON

## ELECTRICAL DATA

MAX. PEAK OPR. VOLT--1500V  
 FREQ. LIMIT--10,000 MC  
 IMPEDANCE--50 OHMS

## MATES WITH:

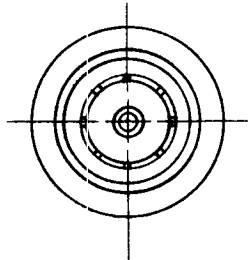
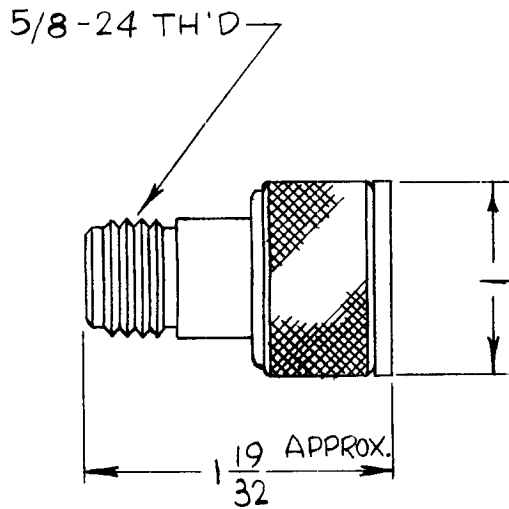
QDS(F) TO N(M)

## MATERIAL

EXT. PARTS--BRASS  
 CONTACT--BERYLLIUM COPPER  
 CONTACT FINGERS--BERYLLIUM COPPER

## FINISH

EXTERNAL PARTS--SILVER PLATE & RHODIUM FLASH  
 CONTACT--SILVER PLATE & GOLD FINISH



REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
			STOCK SIZE					
Ø			CONNECTOR, ADAPTER					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL	
	ORIGINAL REL.	9-24-65						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE						
								H. AUSTIN
								QC
								FINAL APPROVAL
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE C	S401-70 (43G)			7/24/65	SA127 Ø
				FINISH & SPEC. NO.				ELEC. DES. APP. MECH. DES. APP.

# STANDARD DRAWING

SA 129 B

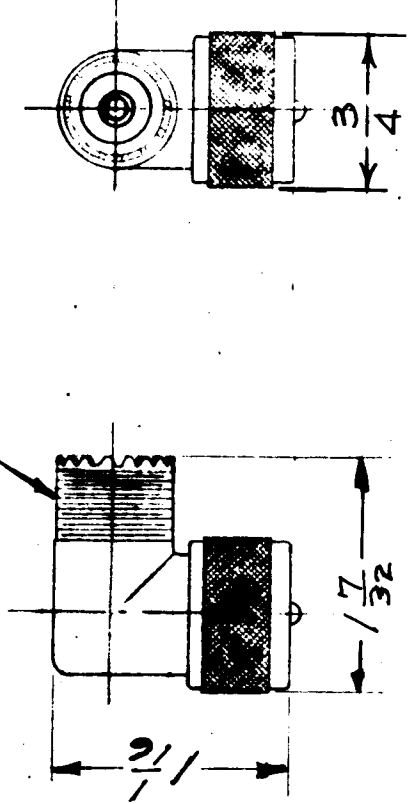
1. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES AND DECIMALS THEREOF.  
 2. DIMENSIONS SHOWN ON THIS DRAWING APPLY TO THE PARTS MANUFACTURED THEREBY.  
 3. MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN SET.  
 DIMENSIONS AND DEVIATIONS WILL BE CAUSED PER INJECTION.  
 REMOVE ALL BURRS AND SHARP EDGES

MODEL	PROJECT NO.	ASBY. NO.	DATE

MATING ENDS: 2 MALE/FEMALE  
 DIELECTRIC : TEFLON  
 PEAK VOLTAGE : 500  
 IMPEDANCE : 50 TO 70 Ω

MATES WITH PL 259 & 50239  
 NOTE . SIG CORP # M359/UG64G/U  
 SHALL NOT BE USED AS  
 A SUBSTITUTE

5/8 - 24 THDS.



USE AS REPLACEMENT  
 FOR UG-64G\*/U

B	TEFLON WAS STYRENE DELE. 5001-7183-507E M359A REF	7.2.68	18978	H22	SC	EFM	
A	NOTE ADDED	6.6.66	16336	W40	Q13	Q13	
Ø	ORIGINAL RELEASE	12/1/65					
ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	
TOLERANCES							
SCALE FULL							
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.							
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±						

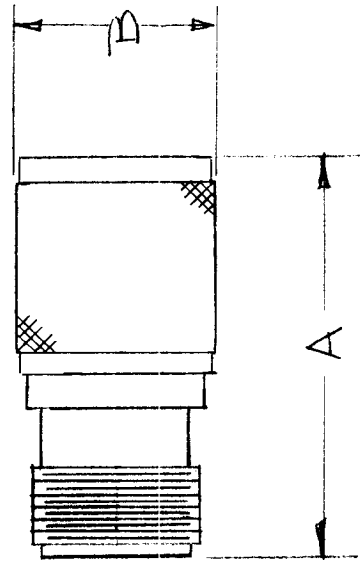
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		CONNECTOR, ADAPTER	
		SINGLE ANGLE SERIES UNF	
		DRAWN	ELC. DES. APP. MECH. DES. APP.
		CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.	
		SA 129 B	

M/L 29 1/2



APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASSY NO.	LTR	DESCRIPTION	DATE	E.M.N.O	DRAFT	CHKD	APPD
	RAK 110-2JB		X	EXP. RELEASE	2.6.68	W	HS		Pass
			2	CRIC RELEASE FOR PROD.	2.27.68		RS		10

TMC	MFG	INSULATION	IMP.	ADAPTER ENDS	WT.
PART NO	P/N		Ω	N	lbs
SA130	1G050	TEFLON	50	JACK PLUG	.135
					19/16
					7/8

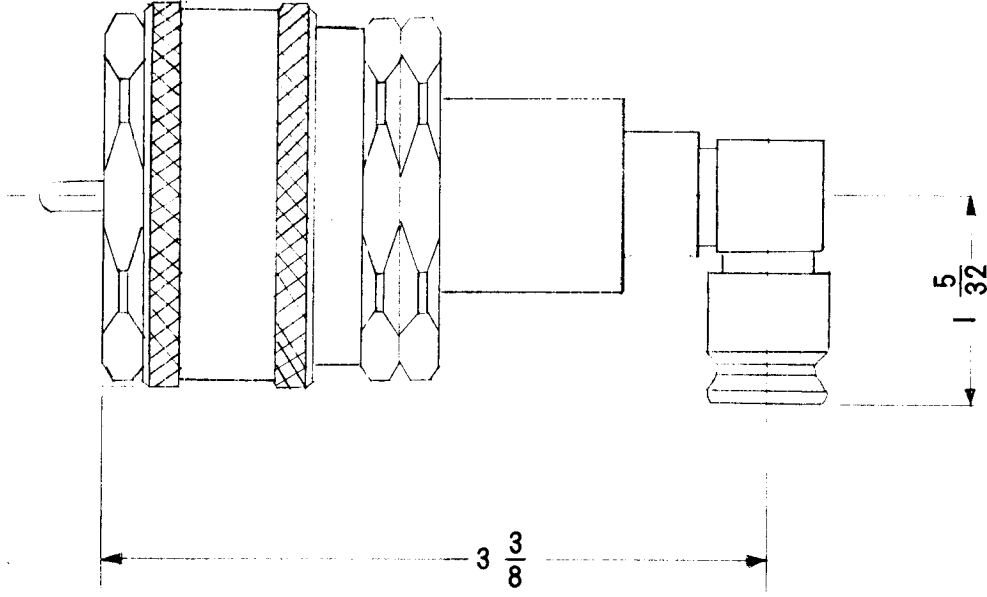


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 ANGLES 9°-30'				LIST OF MATERIAL	
MATERIAL				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH				CONNECTOR, ADAPTOR "H·N TO N"	
S901-71					

NOTICE TO PERSONS RECEIVING THIS DRAWING		SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
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SCALE				SHEET	OF

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASSY NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	PROJ 15		X	EXPERIMENTAL RELEASE	9/7/68		C.V.		<i>Chm</i>
			Ø	ORIG. RELEASE FOR PROD.		Ø	R.G.		

$1 \frac{15}{16}$



SPECIFICATIONS

SERIES: QDL (M) TO QDS (F)  
 NO. OF CONTACTS: 2 (1 MALE 1 FEMALE)  
 DIELECTRIC: TEFLON

ELECTRICAL DATA

PEAK OPERATING VOLTAGE: 3,000 V  
 FREQUENCY LIMIT: 1,000 MHZ  
 NOMINAL IMPEDANCE: 50 OHMS

MATERIAL

EXTERNAL PARTS: BRASS  
 CONTACTS: BRASS, BERYLLIUM COPPER  
 GASKETS: SYNTHETIC RUBBER  
 CONTACT FINGERS: BERYLLIUM COPPER

FINISH

EXTERNAL PARTS: SILVER PLATE AND  
 RHODIUM FLASH  
 CONTACTS: SILVER PLATE  
 CONTACT FINGERS: SILVER PLATE AND  
 GOLD FLASH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005				LIST OF MATERIAL	
FRACTIONS 1/64				THE TECHNICAL MATERIEL CORP.	
TOLS. ANGLES 0°-30°				MAMARONECK, NEW YORK	
MATERIAL				ADAPTER, RIGHT ANGLE	
FINISH				QDL - QDS	
S401-70 (3958)					

FINAL APPROV.	DATE	MECH. DES.	DATE	ELECT. DES.	DATE	CHECKED	DATE	DRAWN	DATE
<i>Chm</i>	1/24/68	<i>Chm</i>	1/24/68	C.V.	1/25/68				1/25/68

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	SA 132	

SCALE SHEET OF

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASSY NO.	LTR	DESCRIPTION	DATE	E.M.N.O	DRAFT	CHKD	APPD
	AX 746		Ø	ORIG RELEASE FOR PROD	10/13			Cl	

NO. OF CONTACTS: 3 (2 MALE 1 FEMALE)  
DIELECTRIC: KEL-F

SPECIFICATIONS

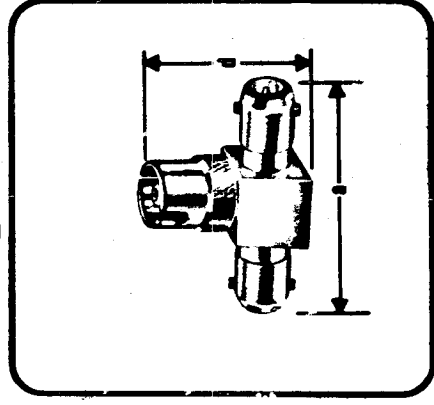
ELECTRICAL DATA

PEAK OPERATING VOLTAGE: 500 V  
FREQ. LIMIT: 500 MHZ, NOMINAL IMPEDANCE: 50Ω

MATERIAL

EXTERNAL PARTS: BRASS  
CONTACTS: BRASS, BERYLLIUM COPPER  
GASKETS: SYNTHETIC RUBBER  
CONTACT FINGERS: BERYLLIUM COPPER

**tee adapters** • non-cons. ant impedance • non-weatherproof



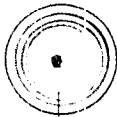
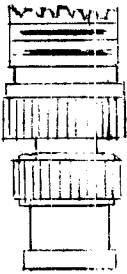

part no.	insulation	adaptor ends	wt lbs	dimensions, inches		exceptions/notes
				a	d	
47325	Kel-F	jack-plug; jack	.041	1 1/2	3/4	-

FINISH  
EXTERNAL PARTS: NICKEL PLATE  
CONTACTS: SILVER PLATE

5401-

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005				LIST OF MATERIAL	
FRACTIONS 1/64 ANGLES 0°-30°				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL				ADAPTER, TEE	
FINISH					

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SCALE: NTS		SHEET		OF	

APPLICATION				REVISIONS					
QTY	MODIF USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	STANDARD			BRACKET					
<p>W. PATERN... MODEL...</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>									
<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES</p> <p>DECIMALS    FRACTIONS X ± .05    TOLS.    1/64 XX ± .01    ANGLES XXX ± .005    0°-30°</p>									
<p>MATERIAL</p> <p>FINISH</p>									
<p>LIST OF MATERIAL</p> <p>THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK</p> <p>ADAPTECH, BNC/M/E</p>									
REQ'D ITEM			PART NUMBER		DESCRIPTION			SYM.	
FINAL APPROVAL		DATE		LIST OF MATERIAL					
MECH. DES.		DATE							
ELECT. DES.		DATE							
CHECKED		DATE							
DRAWN		DATE							
SIZE		CODE IDENT. NO.		DWG NO.		ISSUE			
A		82679		34144		9			
SCALE		SHEET		OF					
		1:1		1					

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