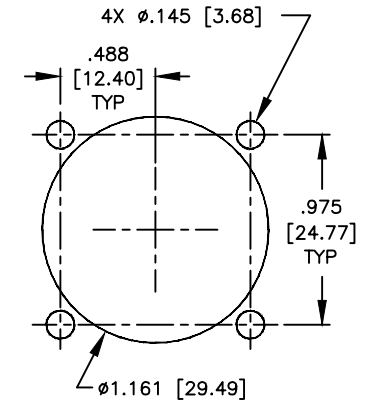
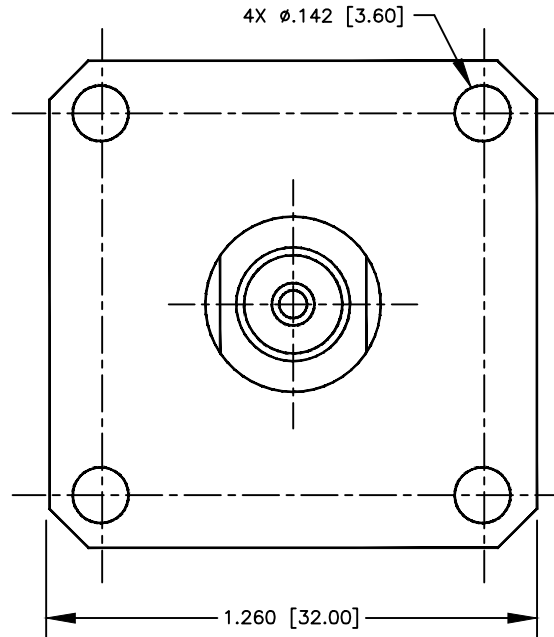
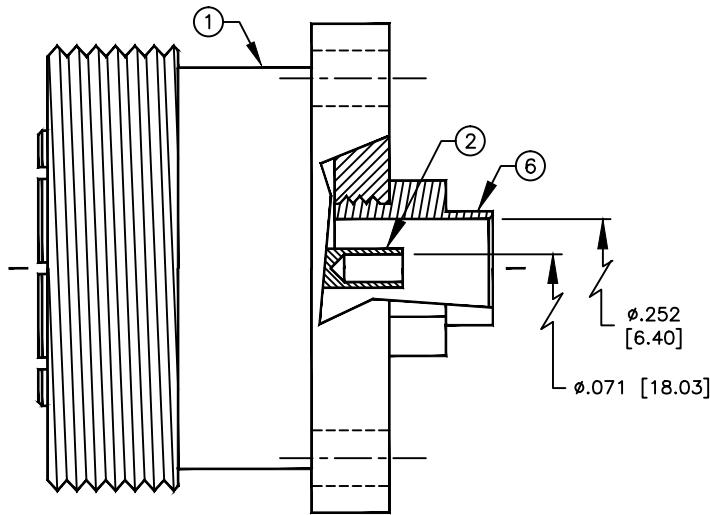


# SPECIFICATION CONTROL DRAWING

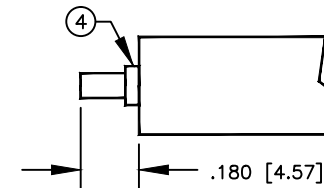
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REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	7/1/97	R. RICE
B	CHANGE GROUND RING TO BRASS	CZS	2/15/99	R. RICE

ALL DIMENSIONS ARE REFERENCE ONLY



SUGGESTED MOUNTING CONFIGURATION  
SCALE 1:1



SUGGESTED STRIPPING INSTRUCTIONS

1. REMOVE BACK NUT [6] FROM CONNECTOR AND SLIDE ONTO CABLE
2. STRIP CABLE, ADD DIELECTRIC [4] & SOLDER TO INTERNAL CONNECTOR CONTACT [2]
3. THREAD BACK NUT INTO CONNECTOR AND TIGHTEN W/ 3/8" OR 10mm WRENCH
4. SOLDER CABLE JACKET TO BACK NUT

## SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-7.5 GHz  
 INSERTION LOSS:  $-.05\text{dB} \sqrt{\text{FREQUENCY GHz}}$   
 VSWR MAX: <1.10:1 @ DC-2.0 GHz  
 3rd Order I.M.: >-150 dBc

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS DIAMETER

**RFconnectors**  
 DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD  
 SAN DIEGO, CA 92126  
 (619)549-6340  
 (619)549-6345 FAX

RFD-1644-2SR3

7-16 DIN FEMALE 4 HOLE FLANGE

ITEM	DESCRIPTION	PART NUMBER	QTY	MATERIAL	FINISH
6	BACK NUT	004-XXX0008BE	1	BRASS	SILVER
5	GROUND RING	014-16F0001BE	1	BRASS	SILVER
4	DIELECTRIC	010-XXX0004TX	1	PTFE	NONE
3	DIELECTRIC	010-16X0001TX	1	PTFE	NONE
2	CONTACT	008-16F0007CE	1	BeCu	SILVER
1	BODY	001-16F0008BE	1	BRASS	SILVER

DRAWN	C. ZUNIGA	2/15/99
CHECKED		
ORJ DRAWN	K. MAXWELL	7/1/97
APPROVALS		
DATE		

SIZE	A	CABLE GROUP	SR3	DWG NO.	8714	REV	B
SCALE:	NTS	CAD FILE		SHEET	1	OF	1