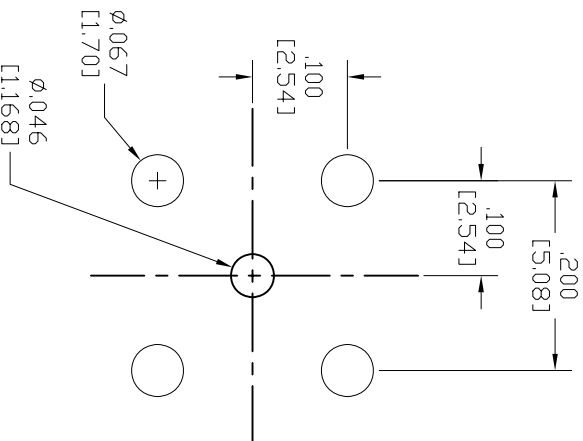
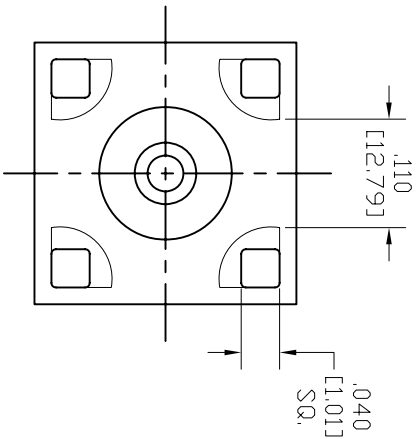
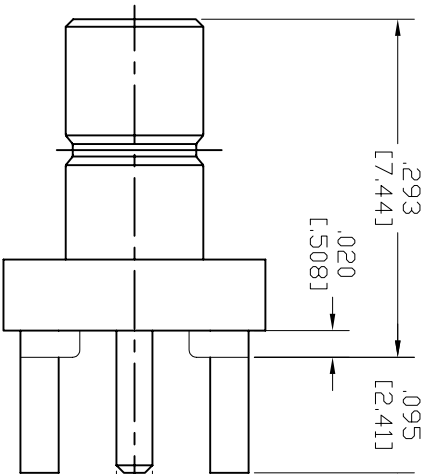


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/27/05	
A		Added Electrical Specs	6/16/07	



3	DIELECTRIC	TEFLON	NONE	1
2	PIN	BRASS	GOLD	1
1	BODY	BRASS	GOLD	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

RECOMMENDED
PCB LAYOUT

SPECIFICATIONS:
Electrical:
Nominal Impedance: 50 Ohms
Frequency Range: 0–4 GHz
Max. peak Voltage Rating: 500 volts
Dielectric Withstanding Voltage: 750 VAC rms.
VSWR RG–196/U: 1.30 + .04 f (GHz)
RG–188/U: 1.25 + .04 f (GHz)
Contact Resistance: 6.0 mOhms initial.
Insulation Resistance 1,000 Mohms min. @ 500 VDC
Insertion Loss: 0.30 dB @ 1.5 GHz
RF Leakage –55 dB minimum @ 2–3 GHz
Mechanical:
Durability: 500 Mating Cycles Min.
Environmental:
Operating Temperature: –65°C to + 170°C
Lead free, RoHS compliant.
Recommended soldering temp: 235° for 5 sec.



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MM [INCHES]
TOLERANCES: EXCEPT AS NOTED
INCHES Holes

.X ± .10	Ø.X	± .10
.XX ± .020	Ø.XX	± .015
.XXX ± .015	Ø.XXX	± .010

APPROVALS

DRAWN	SLS	6/5/07
CHECKED		
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908–687–5000 Fax: 908–687–0214

TITLE: RF CONNECTOR, TYPE SMB FEMALE,
FEMALE, PCB, 50 OHM,

SIZE	PART NO.	REV.
X	RF3-17-1-00-50-G	A
REF:	SCALE: NTS	SHEET 1 OF 1