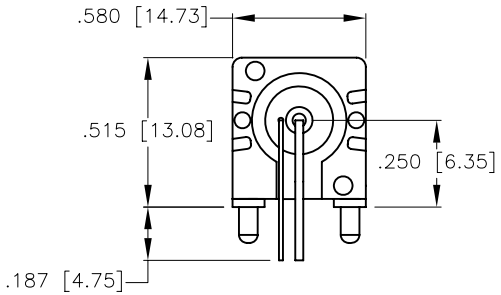
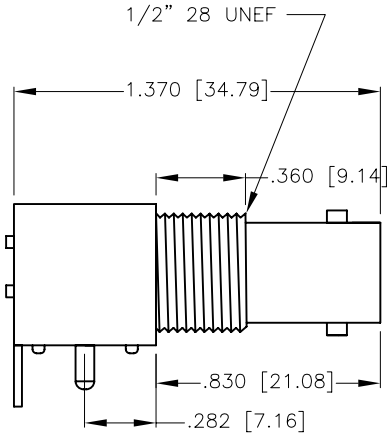
Rev	AWO #	Description	Date	Appr
-		RELEASED	9/12/06	

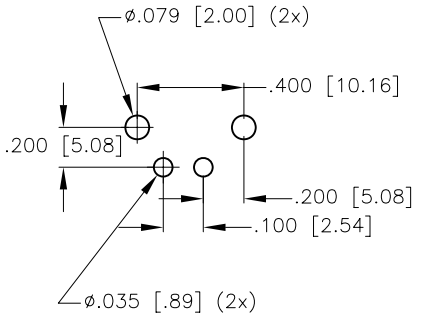
APPROVED: _____

DATE: _____ TITLE: _____





PC Board Layout
Right Angle Mount



CONNECTOR SPECIFICATIONS:

MATERIAL:

Shell: Zinc

Insulator: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, rated UL94V–0

Insulator Color: Black

Dielectric: Polypropylene

Contacts: Phosphor Bronze

PLATING:

15 uin gold on mating area

200 uin (min) tin–lead on solder tails

ELECTRICAL:

Operation Voltage: 500 VAC max.

Impedance: 75 ohms; Frequency Range: 0–4 GHz

Contact Resistance: Inner: 6 – Outer; 3 mohms

Insulation Resistance: 5000 Mohms (min.) @ 1500 VDC between adjacent contacts (75°F and 50 % R.H.)

Dielectric Withstanding Voltage: 1500 VAC (min.) rms

MECHANICAL:

insertion Force: 0 gms:

Cable Retention: 60 lbs. (min.)

Mating Durability:: 500 cycles (min.)

ENVIRONMENTAL:

Operating Temperature: –55°C to +85°C

Environmental:

Lead free, RoHS compliant.

Recommended soldering temp: 235°C for 5 sec.

RoHS COMPLIANT

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		DATE
DRAWN	SLS	9/12/06
CHECKED		
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908–687–5000 Fax: 908–687–5710

TITLE: **Right Angle BNC Connector, 75 OHM**

SIZE	PART NO.	REV.
X	RF1-01-P-00-75\	-

REF: | SCALE: NTS | SHEET 1 OF 1