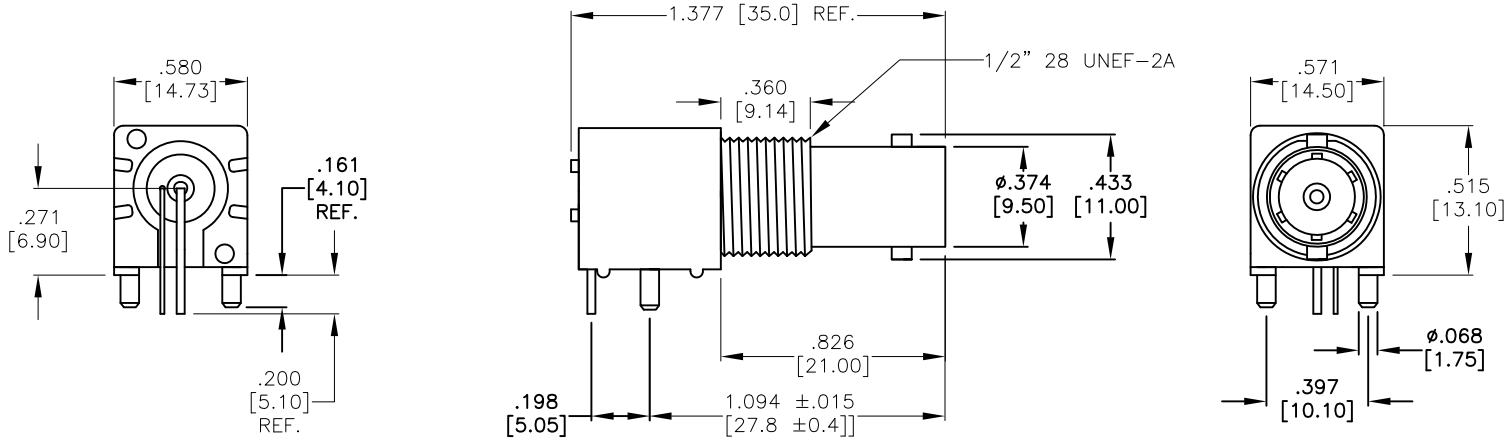
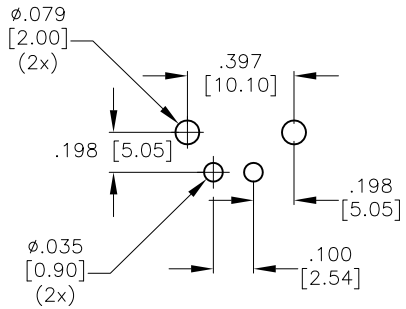
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/26/13	

APPROVED: _____

DATE: _____ TITLE: _____





PC Board Layout
Right Angle Mount

CONNECTOR SPECIFICATIONS:

MATERIAL:

Shell: Zinc, 80u" ~ 120u" Nickel plated
Insulator: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, rated UL94V-0
Insulator Color: Black
Dielectric: POM
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: 5,000 Mohms (min.) @ 1500 VDC between adjacent contacts (75蚌 and 50 % R.H.)
Dielectric Withstanding Voltage: 1500 VAC (min.) rms
VSWR: 1.3 Max.

MECHANICAL:

insertion Force: 0 gms:
Cable Retention: 60 lbs. (min.)
Mating Durability:: 500 cycles (min.)

ENVIRONMENTAL:

Operating Temperature: -55°C to +155°C
Environmental:
Lead free, RoHS compliant. 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	AY	5/26/13
CHECKED	YC	5/26/13
APPROVED		

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

TITLE
RIGHT ANGLE BNC CONNECTOR, 75 OHM
MACHINE PIN

SIZE	PART NO.	REV.
X	RF1-01D-D-00-75-MC	-

REF: | SCALE: NTS | SHEET 1 OF 1