PROPRIETARY NOTICE

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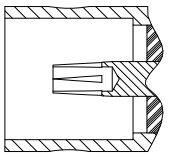
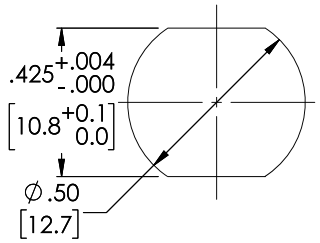
REVISIONS

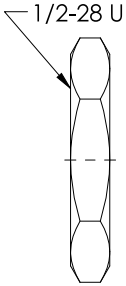
REV	DESCRIPTION	DATE	APPROVED
A	REV A DRAWING RELEASED	05/15/2019	DFRISIELLO

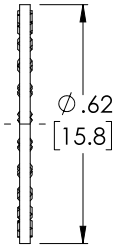


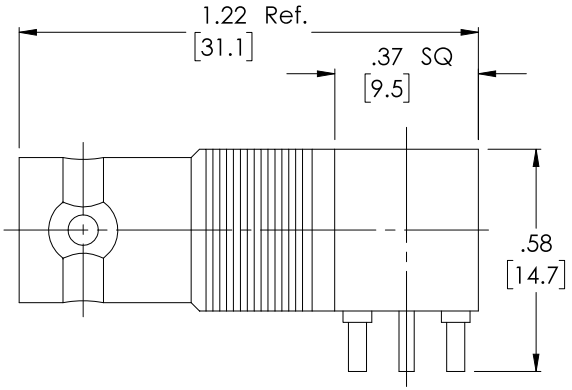
A-A 75 ohm



Recommended Mounting Holes







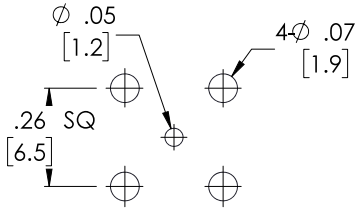
Notes:

Electrical:
Impedance: 75 ohm
Frequency Range:
0~12 GHz.
Voltage Rating: 500 V rms.
Insulator Resistance: ≥5 GΩ
Dielectric Withstanding Voltage: 1000 V rms.
Contact Resistance: Center Contact ≤3 mΩ.
Outer Contact ≤2.5 mΩ.
VSWR: 0~10 GHz ≤1.20
10~12 GHz ≤1.35

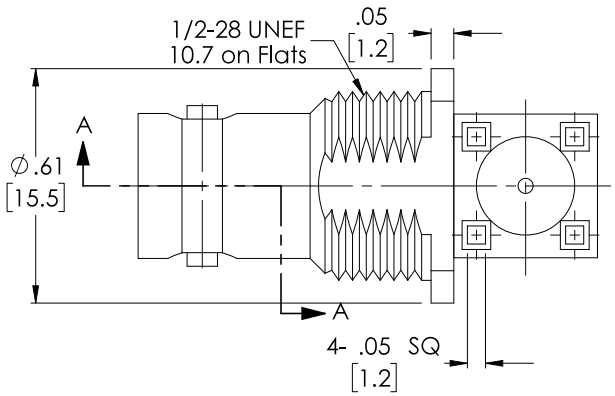
Environmental:
Temperature Range: -65α to 165α
Corrosion(Salt Spray): MIL-STD-202, Method 101, Cond. B
Thermal Shock: MIL-STD-202, Method 107, Cond. B
Mechanical: MIL-STD-202, Method 213, Cond. I
Vibration: NIL-STD-202, Method 204, Cond. D

PACKAGING:
CONNECTOR SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH SPECIFICATION PS-0054.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



Recommended PCB Layout



ITEM	Description	Material	Finish
5	Nut	Brass	NICKEL PLATE
4	Washer	Steel	NICKEL PLATE
3	Inner Contact	P.Bronze	NICKEL/GOLD PLATE
2	Insulator	PTFE	None
1	Body	Brass	NICKEL PLATE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] ≤60 [1524] = +2 [51] / -0
>60 [1524] ≤120 [3048] = +4 [102] / -0
>120 [3048] ≤300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0%

ALL OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]

CUSTOMER REFERENCE DOCUMENT:

SIGNATURE	DATE
DRAWN BY: GHUAN	05/13/2019
CHECKED BY: DFRISIELLO	05/14/2019
APPROVED BY: DFRISIELLO	05/14/2019

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

CAGE CODE: 4Z977

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TITLE
BNC R/A Bulkhead Jack PCB Type

SIZE A | DRAWING NUMBER: MAVB00014 | REV. A

SCALE: NTS | SHEET 1 OF 1