

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS, WHITE BRONZE PLATING
 CONTACT-OUTER - PHOSPHOR BRONZE, SILVER PLATING
 CONTACT - BeCu, SILVER PLATING
 INSULATOR - PTFE, NATURAL
 O-RING - SILICONE RUBBER, RED

2. ELECTRICAL:

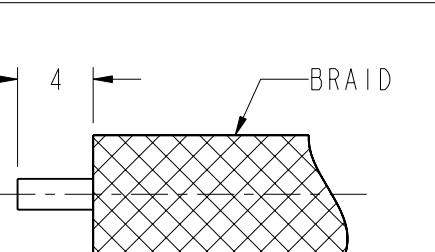
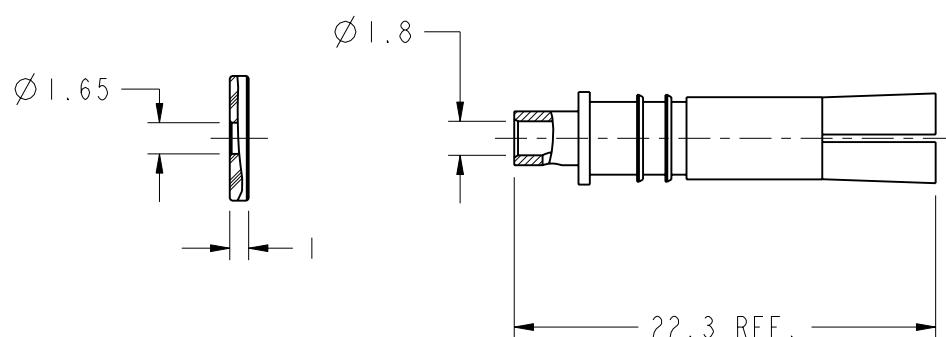
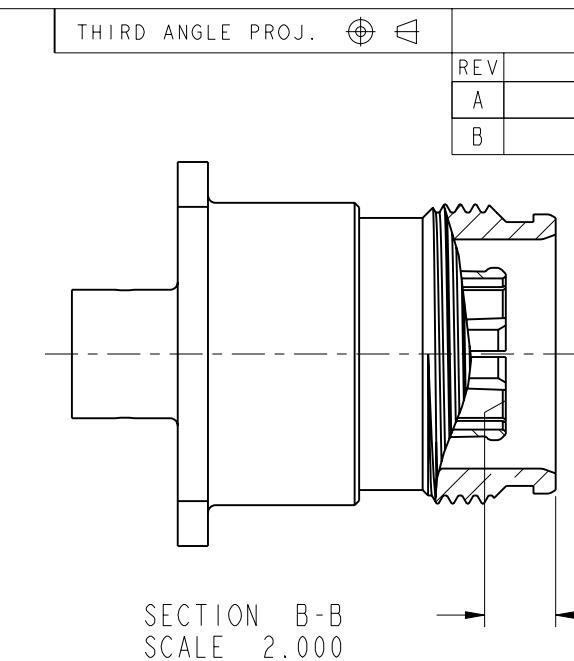
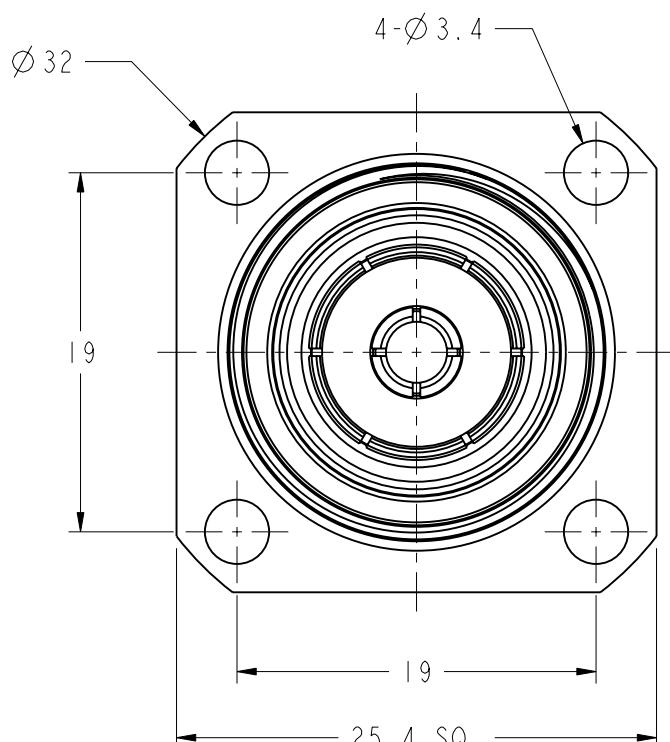
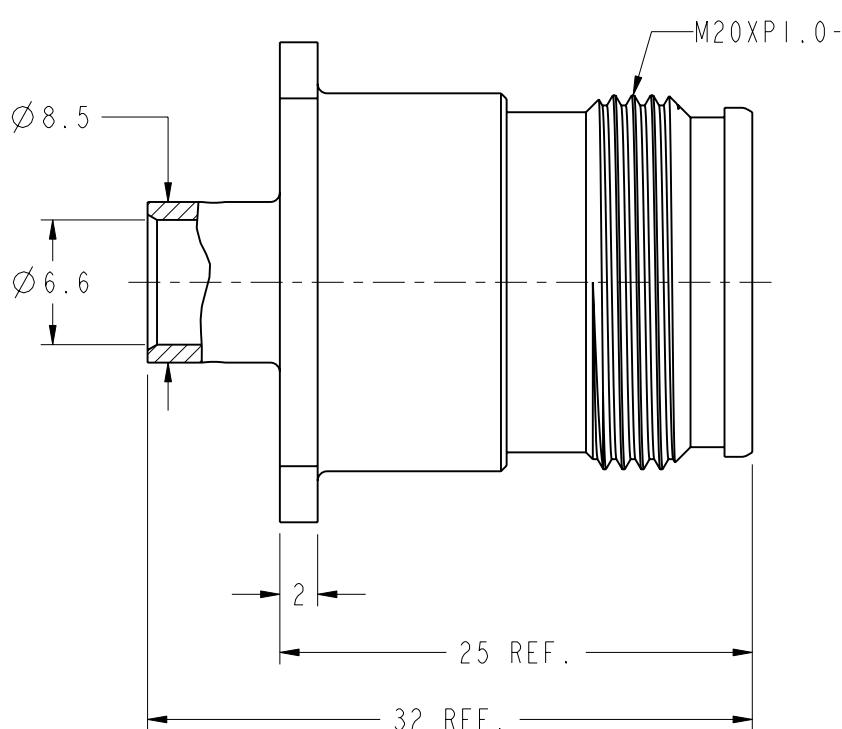
- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 6 GHz
- C. VSWR: 1.08 MAX. @ DC - 3 GHz
- D. INSERTION LOSS: $0.05 \times \sqrt{f} \text{ (GHz)} \text{ } \text{dB MAX.}$
- E. VOLTAGE RATING: 500 VRMS
- F. DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS MIN.
- G. INSULATION RESISTANCE: 5000 MΩ MIN.
- H. INTERMODULATION 3RD ORDER: -166 dBc MAX. (2 X 43 dBm)

3. MECHANICAL:

- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -65° C TO +165° C
- C. COMPATIBLE WITH ALL STANDARD 4.3/10 PLUGS

4. PACKAGING:

- A. QUANTITY: PACK 10PCS/TRAY
- B. MARKING: TRAY TO BE MARKED
 "AMPHENOL RF, 431-115J-52S, AND DATE CODE"

RECOMMENDED
CABLE STRIPPING DIM'S3.3 ± 0.15 CENTER CONTACT
AFTER ASSEMBLY

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
 <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
 ± 0.05mm ± 0.1mm ± 0.2mm ± 0.3mm ± 1°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL	DRAWN K.SONG	DATE 02-Dec-16	TITLE 4.3-10 STR JACK FOR .25 CABLE IP67	DRAWING NO. 431-115J-52S	ITEM NO. 431-115J-52S	PART NO. 431-115J-52S
	ENGINEER L.QIN	DATE 11-Oct-15				
REFERENCE	APPROVED S.HSIEH	DATE 02-Dec-16	SCALE: 2.5:1.0	SHEET 2 OF 2	DWG SIZE B	REV B
FINISH	CAD FILE					

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. 431-115J-52S

ITEM NO. 431-115J-52S

PART NO. 431-115J-52S

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[431-115J-52S](#)