

NOTES:

1. MATERIALS AND FINISHES:

- BODY, REAR BODY - BRASS, NICKEL PLATING
- CONTACT - BERYLLIUM COPPER, GOLD PLATING.
- INSULATOR - PTFE
- INSULATOR REAR - ULTEM
- HEX NUT - BRASS, NICKEL PLATING
- LOCK WASHER - BRASS, NICKEL PLATING
- GASKET, O-RING - SILICONE RUBBER
- FERRULE - SEAMLESS COPPER TUBE, NICKEL PLATING
- HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 6 GHz
- C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO +85° C

4. PACKAGING:

- A. QUANTITY: SINGLE PACK
- B. MARK BAG OR TAG "AMPHENOL RF, 31-6509, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

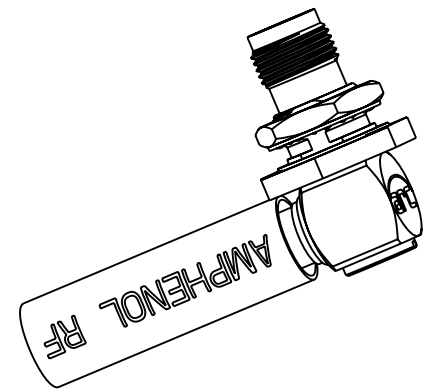
- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR REAR ONTO CABLE.
- C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
- D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.
- F. APPLY HEAT SHRINK TUBING OVER FERRULE.
- G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

6. CAP ASSEMBLY INSTRUCTIONS:

- A. PLACE O-RING ON CAP AS SHOWN.
- B. ASSEMBLE CAP TO BODY WITH 6-10 IN-LBS TORQUE.

7. RECOMMENDED TORQUE APPLIED ON HEX NUT: 7-10 IN-LBS.

8. SHOWS CABLE ENTRY DIMENSIONS.

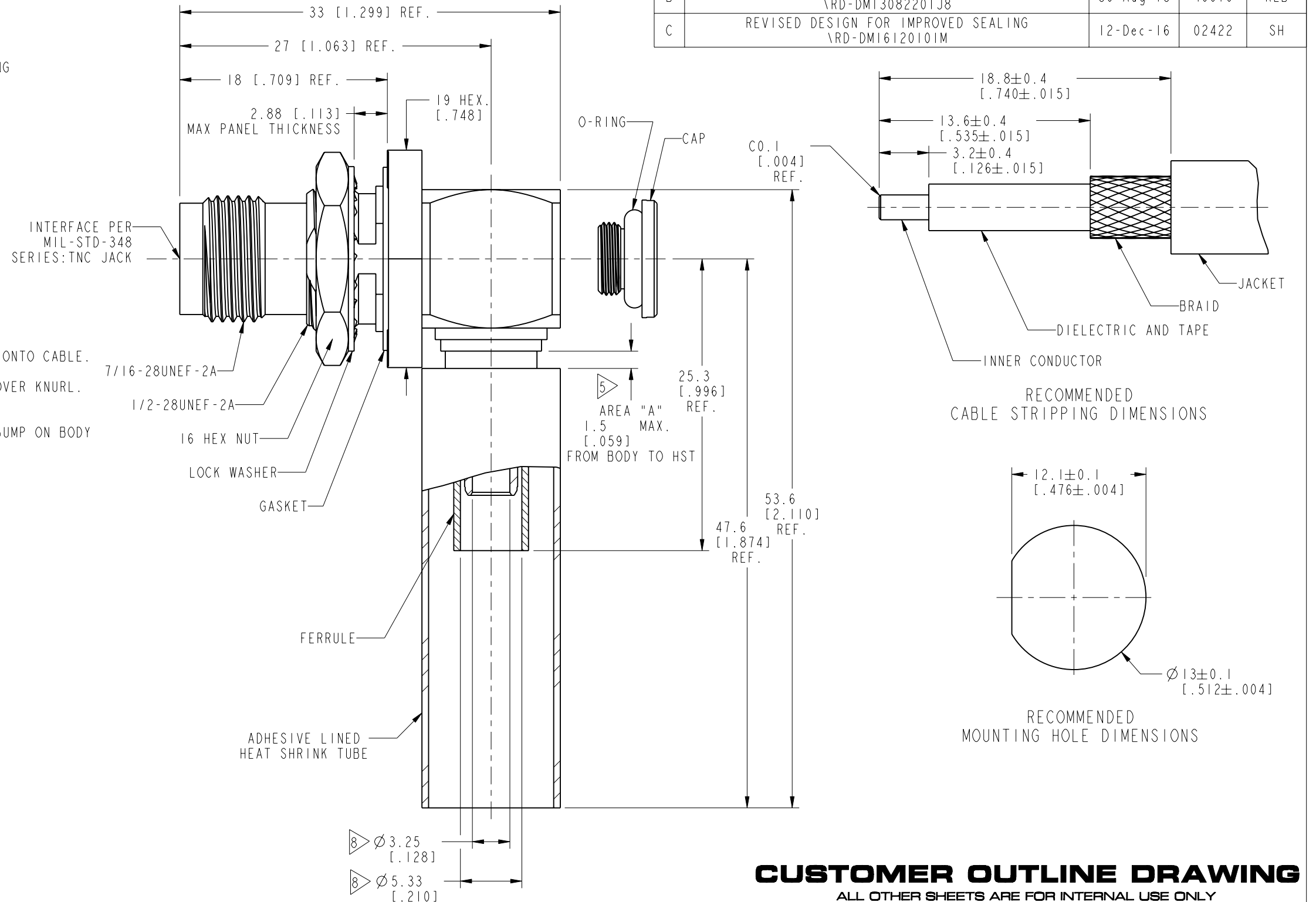


SCALE 1.000

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-Mar-13	48952	TD
B	ADD ARC LOGO TO REAR BODY AND AMPHENOL RF TO HST \RD-DMI3082201J8	30-Aug-13	49619	RLB
C	REVISED DESIGN FOR IMPROVED SEALING \RD-DMI612010IM	12-Dec-16	02422	SH



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°
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MATERIAL SEE NOTES	DRAWN M. ZHANG	DATE 09-Dec-16
REFERENCE EAR3382 AND 31-6368 CONFIGURATION LEVEL:	ENGINEER BALAJI M	DATE 23-Mar-13
FINISH	APPROVED S. HSIEH	DATE 09-Dec-16
	CAD FILE	

TITLE TNC R/A BHD JACK IP-67 FOR LMR 200 CABLE
SCALE: 2.6:1.0 SHEET 2 OF 2
DWG SIZE B
REV C

Amphenol RF www.amphenolrf.com
DRAWING NO. 31-6509
ITEM NO. 31-6509
PART NO. 31-6509