

NOTES:

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

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

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

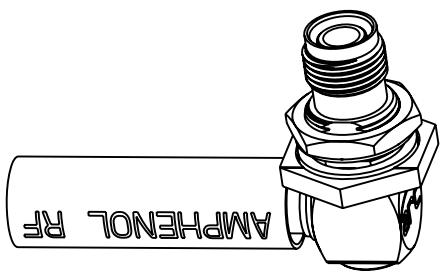
- PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: MARK BAG OR TAG "AMPHENOL RF, 31-6510, AND DATE CODE"

- RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
 - A. TRIM CABLE AS SHOWN.
 - B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR REAR ONTO CABLE.
 - C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 - D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
 - 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"

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

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

- SHOWS CABLE ENTRY DIMENSIONS.

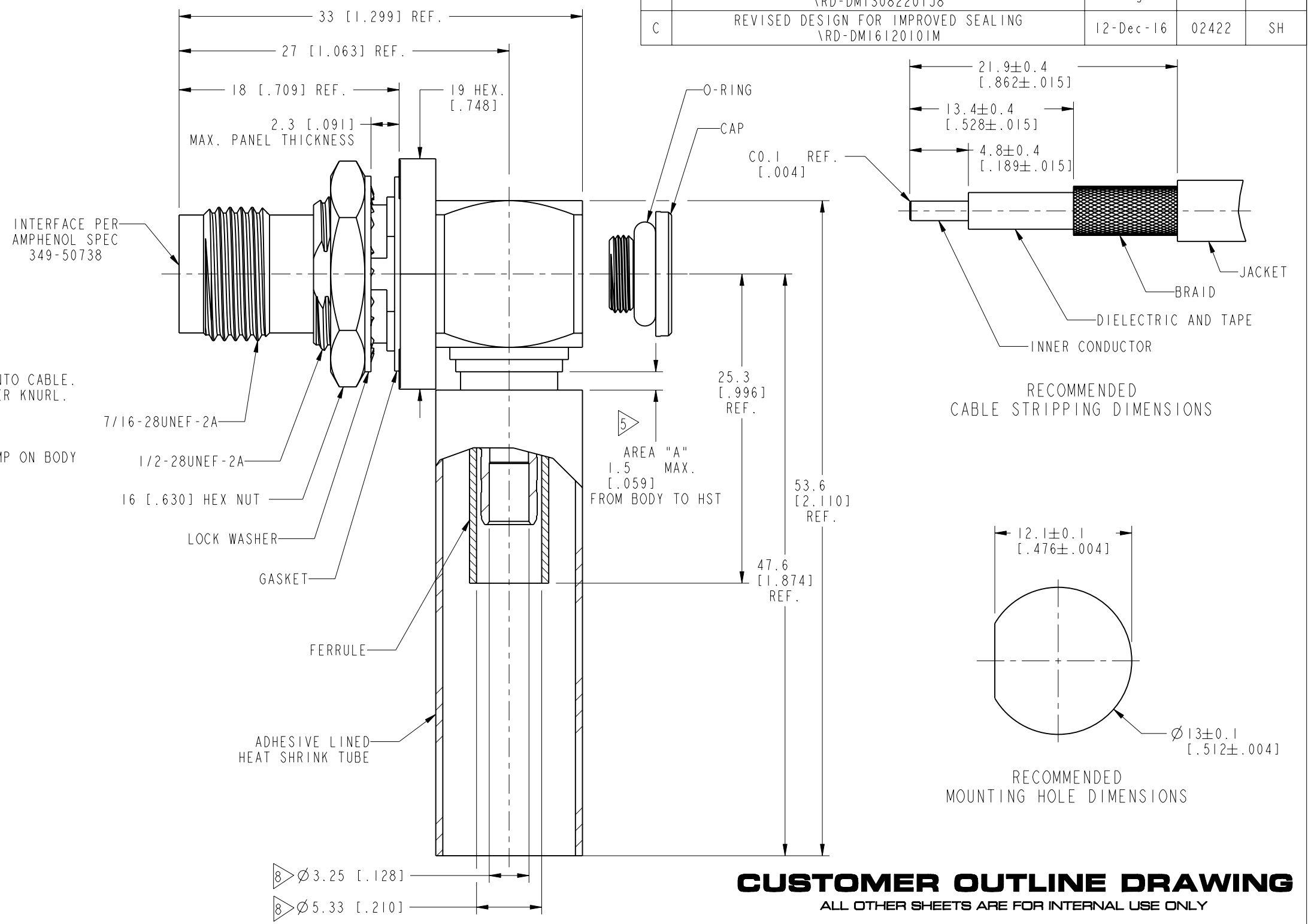


SCALE 1.000

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-Mar-13	48952	TD
B	ADDED ARC LOGO TO REAR BODY & AMPHENOL RF TO HST VRD-DMI3082201J8	30-Aug-13	49619	RLB
C	REVISED DESIGN FOR IMPROVED SEALING VRD-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°	MATERIAL	DRAWN	DATE	TITLE TNC R/A RP BHD JACK IP-67 FOR LMR 200 CABLE	Amphenol RF www.amphenolrf.com
	SEE NOTES	M. ZHANG	09-Dec-16		
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	EAR 3383 AND 31-6376 CONFIGURATION LEVEL:	BALAJI M	22-Mar-13	SHEET 2 OF 2	
	FINISH	APPROVED	DATE	DWG SIZE	REV
	S. HSIEH	09-Dec-16	B	C	

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