

NOTES:
1. MATERIALS AND FINISHES:
BODY, REAR BODY -BRASS, NICKEL PLATING
CONTACT - BRASS, GOLD PLATING
INSULATOR - PTFE
COUPLING NUT- BRASS, NICKEL PLATING
CAP- BRASS, NICKEL PLATING
FERRULE- COPPER, NICKEL PLATING

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR(RETURN LOSS): -23 dB MAX

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65 C TO +165 C

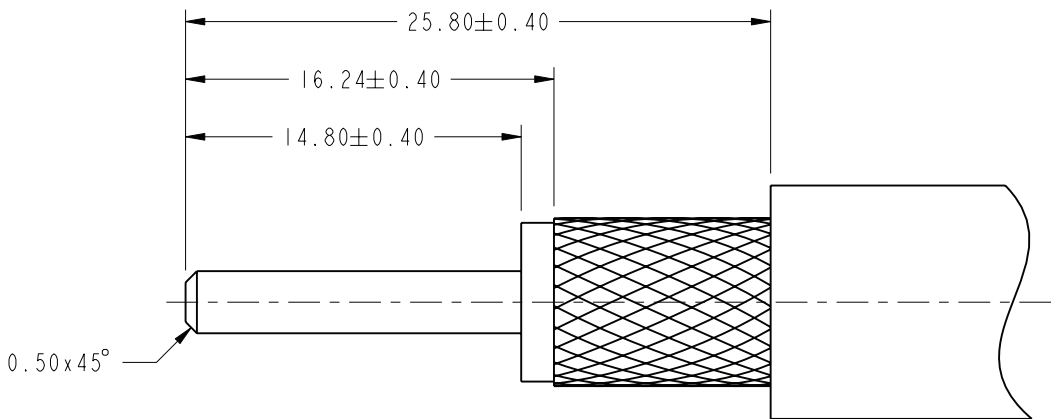
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOLRF, 82-6489 AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE FERRULE AND REAR INSULATOR 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 0.429" HEX DIE.

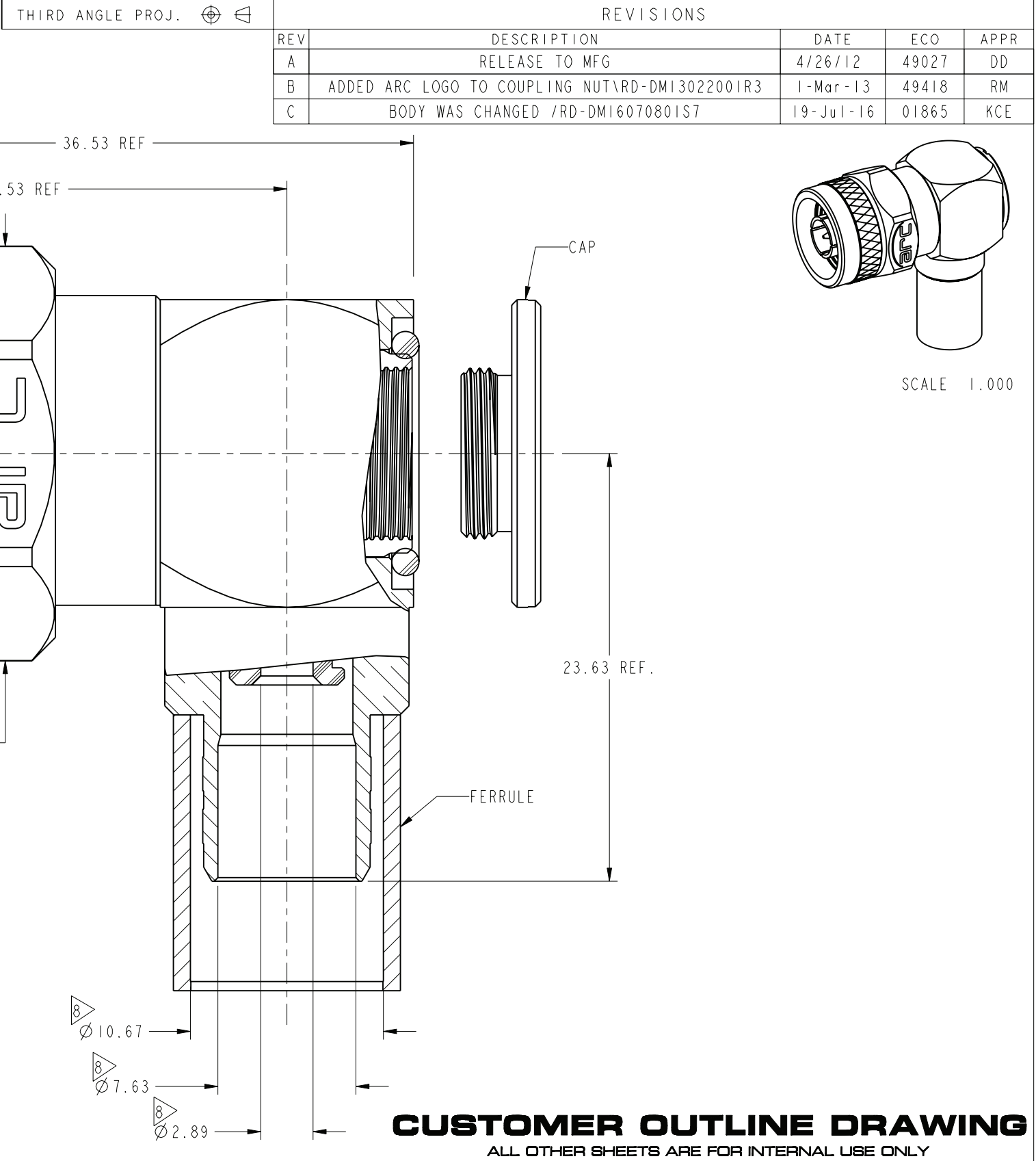
6. CAP ASSEMBLY INSTRUCTIONS:
A. PLACE O-RING ON CAP AS SHOWN.
B. ASSEMBLE CAP TO BODY WITH 6-10 IN-LBS TORQUE.

7. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

8. SHOWS CABLE ENTRY DIMENSIONS.



RECOMMENDED
CABLE STRIPPING DIMENSIONS



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 SEE NOTES	DRAWN STAR	DATE 19-Jul-16	TITLE N PLUG R/A IP-67 FOR LMR-400-CABLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
		ENGINEER KARTHIK R	DATE 28-Mar-12				
	REFERENCE EAR # 4180	APPROVED S.HSIEH	DATE 20-Jul-16	SCALE: 3.5:1.0		SHEET 2 OF 2	DRAWING NO.82-6489
	CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV C	ITEM NO. 82-6489	
	FINISH					PART NO. 82-6489	