

NOTES:

1. MATERIALS AND FINISHES:

- CONTACT - BRASS, GOLD PLATED
- BODY - BRASS, WHITE BRONZE PLATED
- SLEEVE - BRASS, WHITE BRONZE PLATED
- FERRULE - COPPER, WHITE BRONZE PLATED
- CAP - BRASS, WHITE BRONZE PLATED
- OUTER CONTACT - PHOSPHOR BRONZE, WHITE BRONZE PLATED
- INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

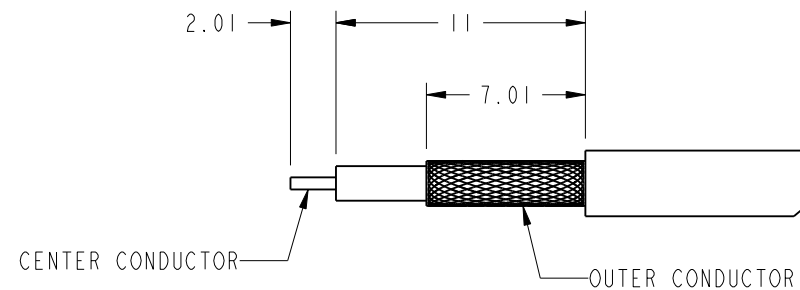
- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE = DC to 6 GHz
- C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- D. VSWR = 1.15 +.03F

3. MECHANICAL:

- A. OPERATING TEMPERATURE = -65°C to +165°C
- B. INTERFACE = PER AMPHENOL RF SPEC. 349-50692
- C. CONTACT RETENTION = 6.0 LBS. AXIAL

4. CABLE ASSEMBLY INSTRUCTIONS PER:

- A. TRIM CABLE AS SHOWN
- B. INSERT CABLE INTO R/A ENTRY W/ BRAID OVER KNURLED AREA, FOIL UNDER
- C. CRIMP FERRULE W/ .151" HEX
- D. SOLDER CENTER CONDUCTOR TO CONTACT THROUGH ACCESS HOLE
- E. DEPRESS EXPANSION CAP IN ACCESS HOLE.

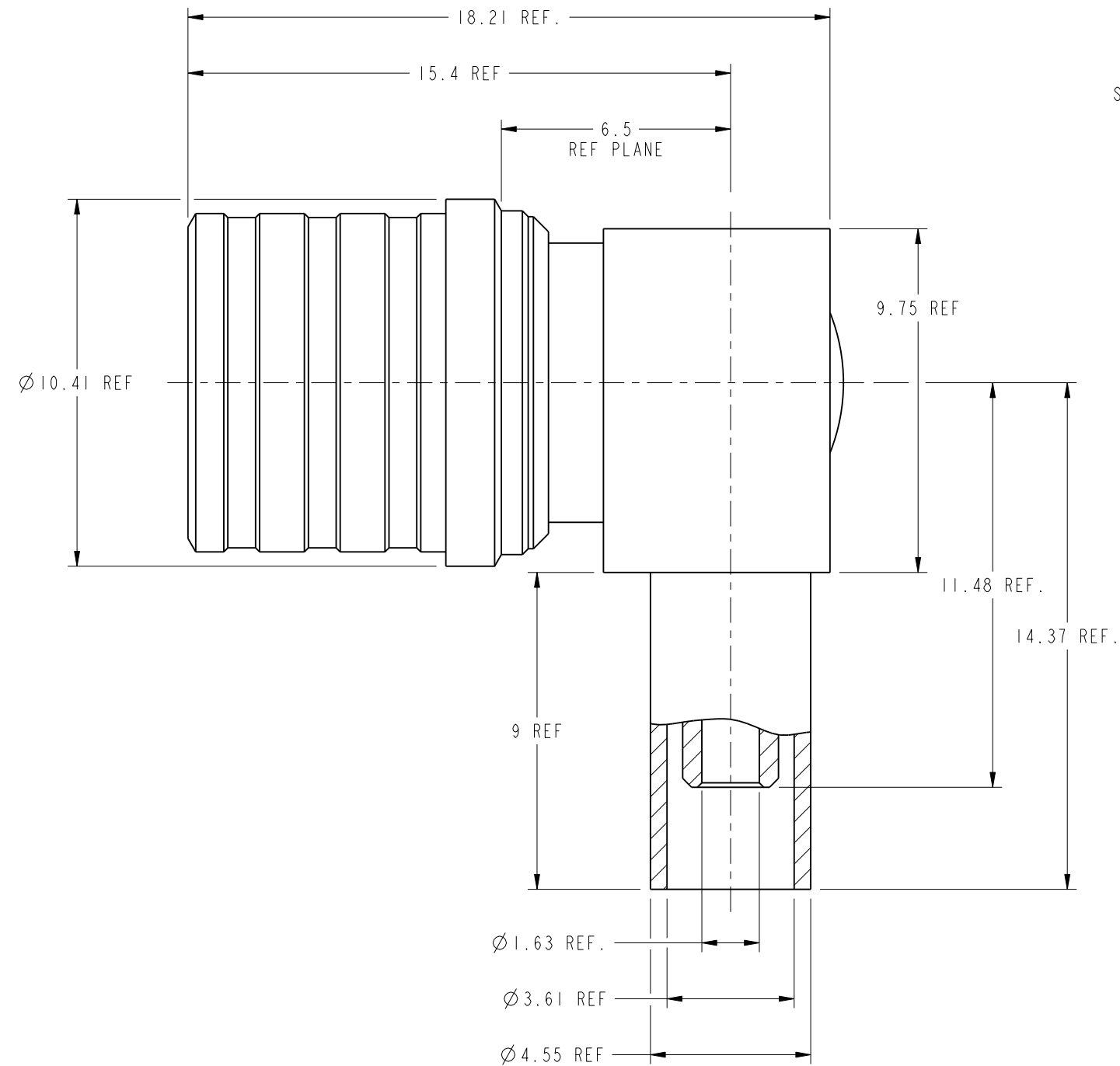


**RECOMMENDED
CABLE STRIPPING DIMENSIONS**

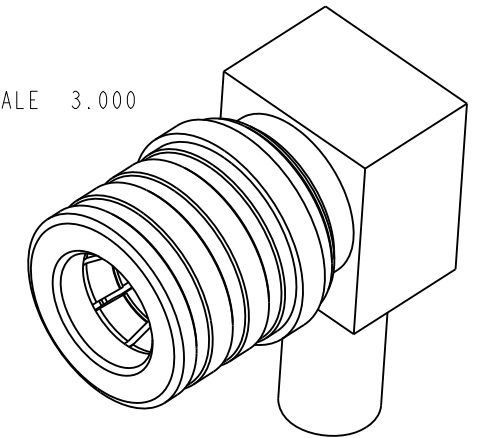
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	21-Mar-03		CPM
E	BODY, CONTACT PIN AND FERRULE'S PN WERE CHANGED	28-Mar-11	48509	SH
F	Ø1.55 REF. WAS Ø1.63 REF. /RD-DMI2030901R	20-Mar-12		SH
G	BODY WAS CHANGED	24-Dec-12	48990	SH



SCALE 3.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<p>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°</p>	MATERIAL	DRAWN T. DENG	DATE 24-Dec-12	<p>TITLE QMA 50 OHM R/A PLUG FOR RD-316 TYPE CABLE</p>	<p>Amphenol RF www.amphenolrf.com</p>
	REFERENCE EAR #944 GEN #ASSYMI_QMA 615X-1909-100 CONFIGURATION LEVEL:	ENGINEER S. LI	DATE 24-Dec-12		
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					<p>DRAWING NO. 930-114P-51A ITEM NO. 930-114P-51A PART NO. 930-114P-51A</p>