

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:

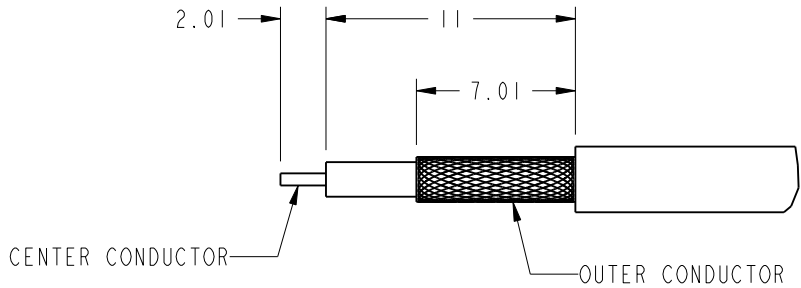
- A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE = DC to 6 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
D. VSWR = 1.15 +.03F

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.

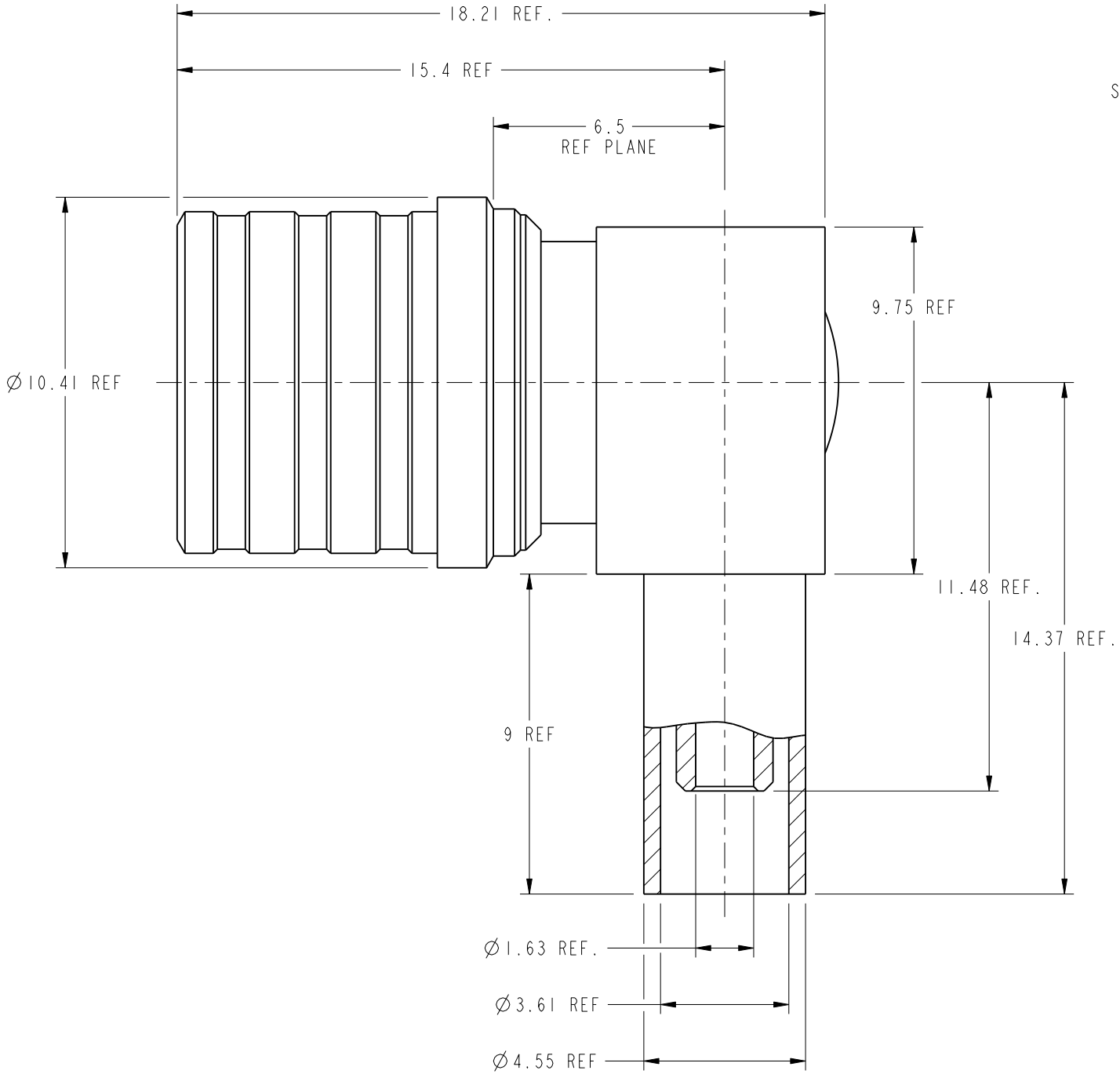


RECOMMENDED
CABLE STRIPPING DIMENSIONS

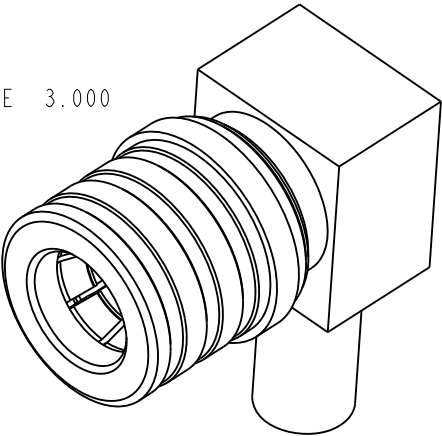
THIRD ANGLE PROJ.

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-DM12030901R	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

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	DRAWN T.DENG	DATE 24-Dec-12	TITLE QMA 50 OHM R/A PLUG FOR RD-316 TYPE CABLE		Amphenol RF www.amphenolrf.com	
	ENGINEER S.LI	DATE 24-Dec-12				
	REFERENCE EAR #944 GEN #ASSYMI_QMA 615X-1909-100 CONFIGURATION LEVEL:	APPROVED S.HSIEH	DATE 24-Dec-12	SCALE: 6.0:1.0 SHEET 2 OF 2		DRAWING NO. 930-114P-51A
	FINISH	CAD FILE		DWG SIZE B	REV G	ITEM NO. 930-114P-51A PART NO. 930-114P-51A