

NOTES:

1. MATERIALS AND FINISHES

HOUSING - BRASS, NICKEL PLATED
 BODY - BERYLLIUM COPPER, NICKEL PLATED
 CONTACT PIN - BRASS, GOLD PLATED
 COVER - BRASS, NICKEL PLATED
 INSULATOR - PTFE, NATURAL
 INSULATOR - DELRIN, NATURAL

2. ELECTRICAL:

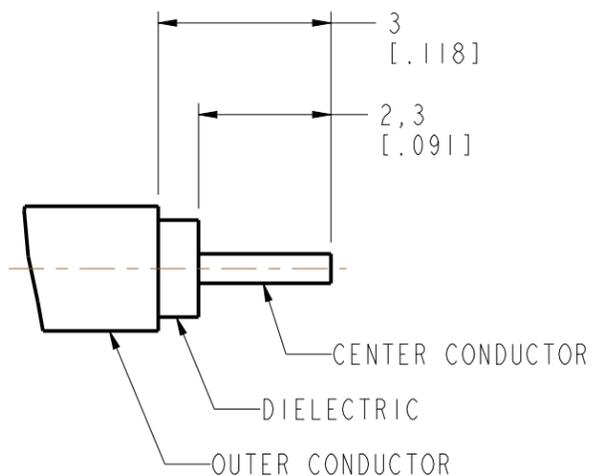
A. IMPEDANCE: 50 OHM, NOMINAL
 B. FREQUENCY RANGE: 0 - 6 GHz
 C. VSWR (RETURN LOSS): 1.300 (-17.7 dB) MAX.
 D. D.W.V.: 1000 VRMS, MIN.

3. MECHANICAL:

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

4. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN
- B. INSERT CABLE INTO BODY UNTIL IT BOTTOMS
- C. SOLDER CABLE OUTER CONDUCTOR TO BODY
- D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT, THE SOLDER MUST NOT PROTRUDE ABOVE THE CENTER CONTACT END SURFACE
- E. ORIENT REAR INSULATOR SLOT WITH CABLE DIELECTRIC AND INSERT TO DIMENSION SHOWN
- F. INSERT CAP UNTIL FLUSH WITH SURFACE OF BODY, INSERTION TOOLING MUST ENSURE THAT CAP SURFACE IS PARALLEL TO BODY SURFACE

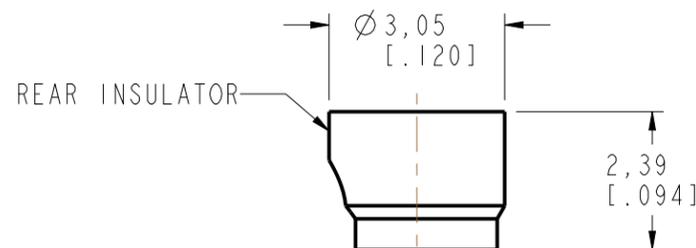


RECOMMENDED
CABLE STRIPPING DIM'S

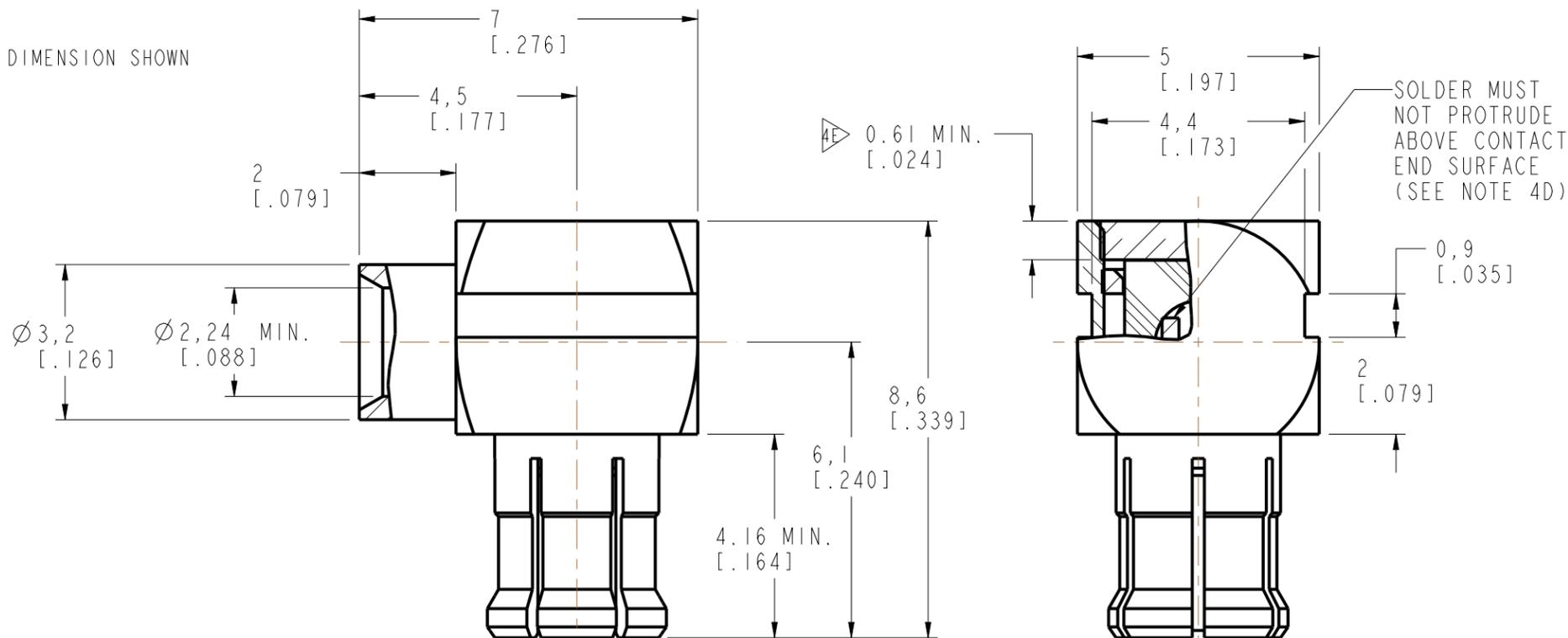
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	24-Aug-00	----	Gissy
F	SYNCH DRAWING WITH CONNEX	20-Aug-14	2794	BCG



SCALE 4.000



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 M. ZHANG	DATE 14-May-14	TITLE MCX R/A DIRECT SOLDER PLUG (FOR .085", .086")		Amphenol Connex
REFERENCE MCX1182AI-NT30G-.085-50	ENGINEER S. DUAN	DATE 14-May-14	DRAWING NO.		
FINISH	APPROVED S. HSIEH	DATE 14-May-14	SCALE: 8.0:1.0	SHEET 3 OF 3	ITEM NO.
	CAD FILE		DWG SIZE B	REV F	PART NO. 252217