

NOTES:

1. MATERIALS AND FINISHES:

BODY – BRASS, GOLD PLATING (.000003 MIN THICK)
INSULATOR – PTFE, NATURAL
CONTACT PIN – BRASS, GOLD PLATING (.000030 MIN THICK)
RETAINER RING – BERYLLIUM COPPER, GOLD PLATING (.000003 MIN THICK)
COVER – BRASS, GOLD PLATING (.000003 MIN THICK)
FERRULE – BRASS, NICKEL PLATING (.000100 MIN THICK)

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC 0–6 GHz
C. VSWR(RETURN LOSS): 1.4 (15.56 dB), MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

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 "AMPHENOL, 908–43001, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS

A. TRIM CABLE TO EXPOSE BRAID AS SHOWN
B. SLIDE INNER FERRULE OVER BRAID UNTIL BOTTOMING AGAINST CABLE JACKET.
C. DRESS BRAID AND FOLD BACK COMPLETELY OVER INNER FERRULE WITHOUT DAMAGING BRAID, EXPOSING DIELECTRIC
D. TRIM DIELECTRIC .055 [1.4] FROM END OF CABLE, EXPOSING CENTER CONDUCTOR
E. INSERT CABLE WITH INNER FERRULE INTO BODY UNTIL BOTTOMING
F. CRIMP BODY OVER INNER FERRULE USING .105 HEX
G. SOLDER CABLE CENTER CONDUCTOR TO CONNECTOR CENTER CONTACT
H. INSERT DIELECTRIC DISC INTO REAR CAVITY OF CONNECTOR
I. PRESS CAP INTO REAR CAVITY OF CONNECTOR UNTIL FLUSH WITH REAR SURFACE OF CONNECTOR BODY

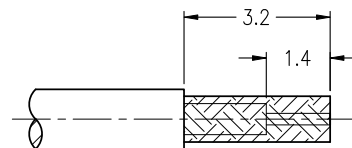
6. CRIMP FERRULE = HEX CRIMP SIZE .105"

CONTACT PIN TO SOLDER.

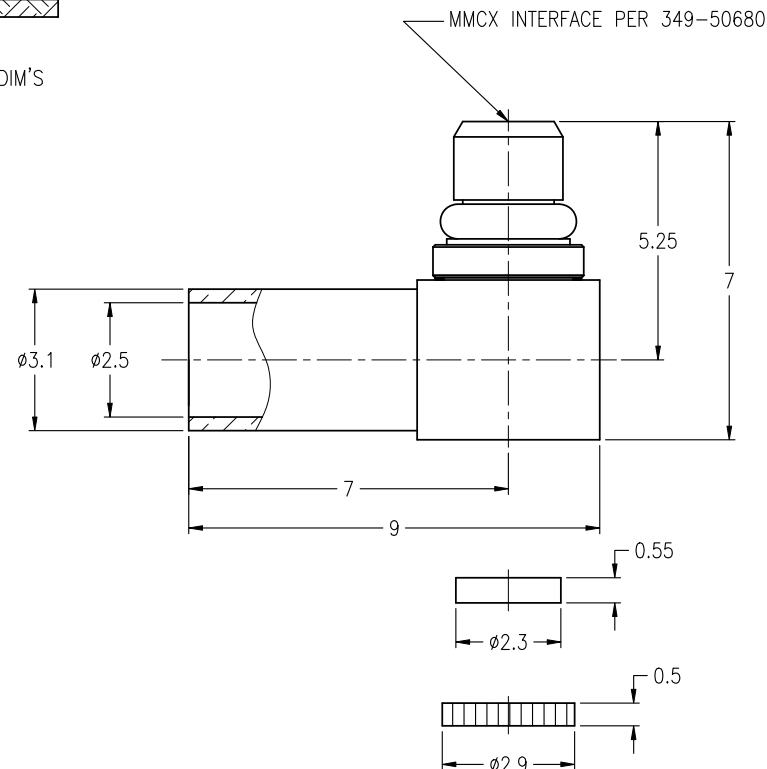
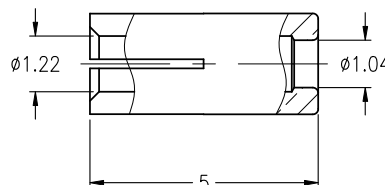
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12–Oct–04	44809	SH
B	BODY AND SPRING RING WERE CHANGED	28–Oct–11	48847	SH



RECOMMENDED STRIPPING DIM'S



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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°

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MATERIAL

REFERENCE

FINISH

DRAWN

T.DENG

ENGINEER

S.LI

APPROVED

S.HSIEH

CAD FILE

F:\DWG\MMCX\1112A3\001\50\N3GT30G–BSZ

DATE

26–Oct–11

DATE

26–Oct–11

DATE

26–Oct–11

TITLE

MMCX R/A CRIMP PLUG
(FOR Ø1.13 CABLE)

SCALE: 6/1

SHEET 2 OF 2

DWG SIZE

B

REV

B

Amphenol RF

Danbury CT USA, Tainan Taiwan, Shenzhen China
www.amphenolrf.com

DRAWING NO. MMCX1112A3–001–N/3GT30G–50

ITEM NO. 091112AAEA1NP5F

PART NO. 908–43001