

NOTES:

- MATERIALS AND FINISHES:
  - COVER - BRASS, GOLD PLATING
  - FERRULE - BRASS, GOLD PLATING
  - RETAINER RING - BERYLLIUM COPPER, NATURAL
  - HOUSING - ZINC ALLOY, GOLD PLATING
  - BODY - BRASS, GOLD PLATING
  - CONTACT - BERYLLIUM COPPER, GOLD PLATING
  - INSULATOR - PTFE, NATURAL

- ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: 0-4 GHz
  - C. VSWR (RETURN LOSS): 1.500 (-13.979 dB) MAX.
  - D. D.W.V: 1000 VRMS, MIN.

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

4. CRIMPED FERRULE HEX CRIMP SIZE .128"

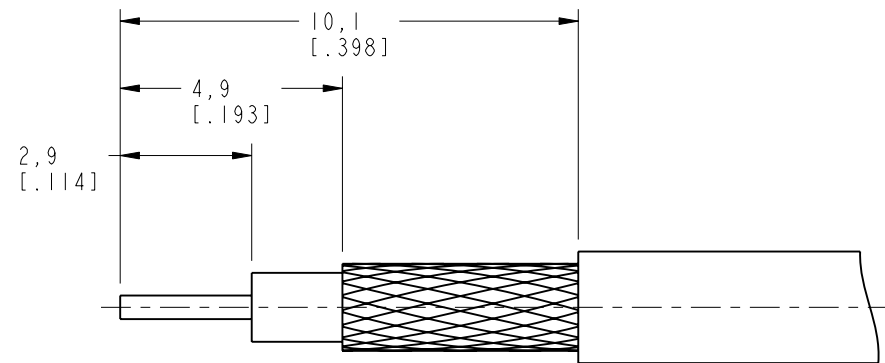
5. CONTACT PIN TO SOLDER.

6. SHOWS CABLE ENTRY DIMENSIONS.

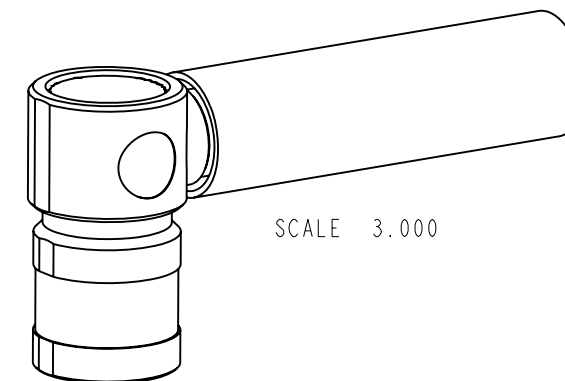
THIRD ANGLE PROJ.

REVISIONS

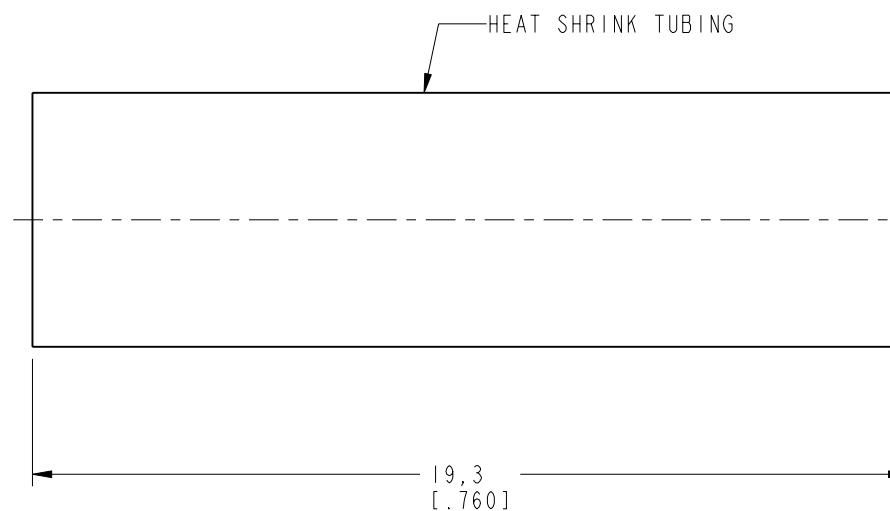
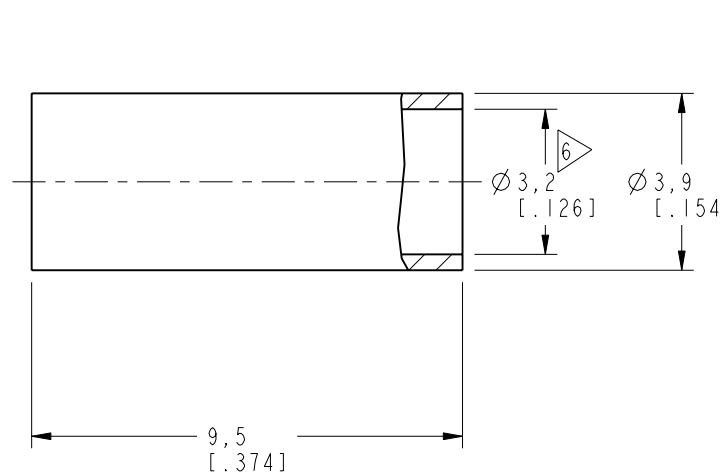
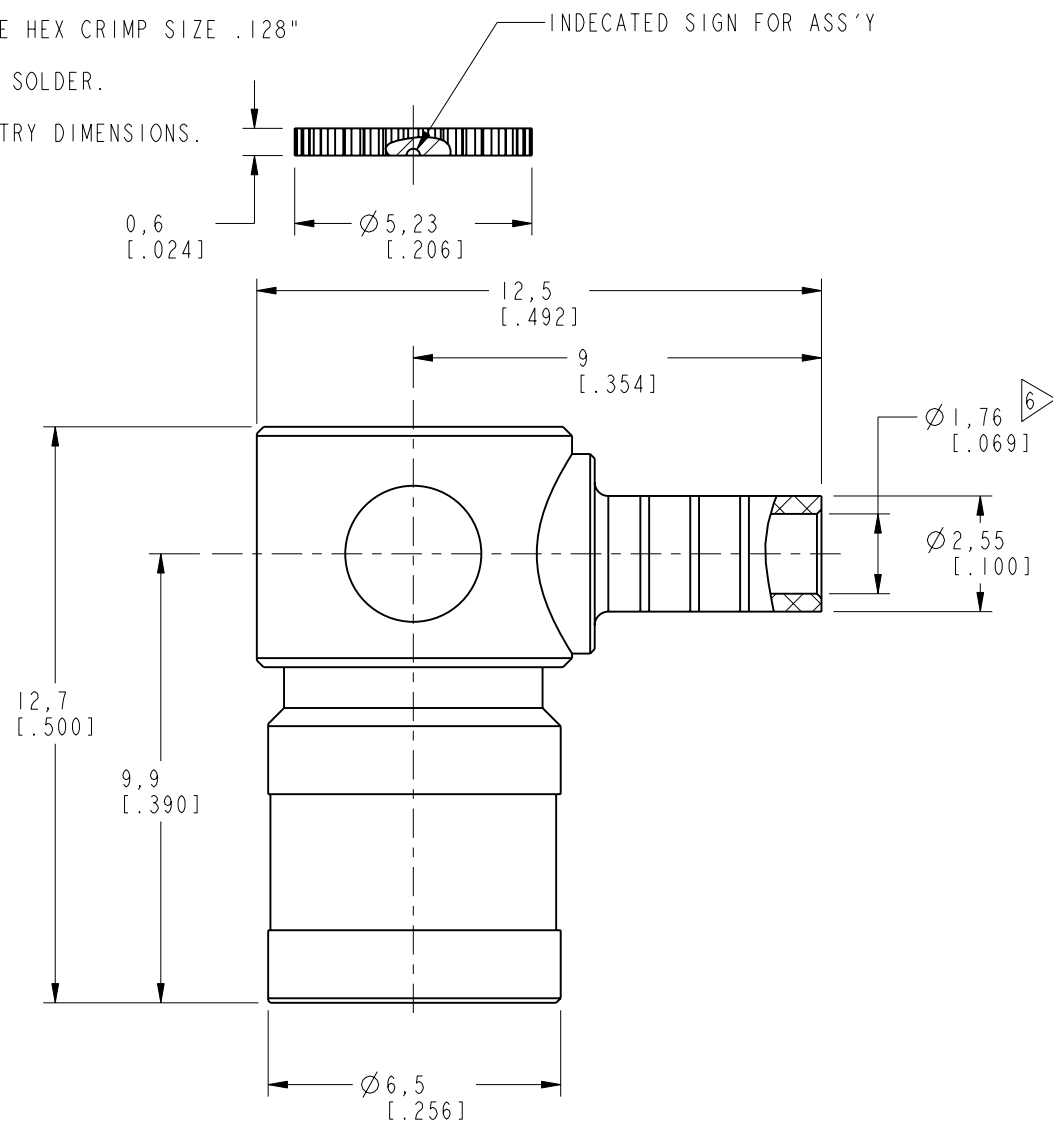
REV	DESCRIPTION	DATE	ECO	APPR
A	UPDATED PART DIMENSIONS / DRAWING FORMAT	20-Mar-03	-----	GRS
B	REVISE BARREL, FERRULE DIMENSIONS	08-May-07	-----	GRS
C	REVISE HOUSING, BODY, FERRULE, COVER PLATING TO GOLD	12-Nov-08	-----	GRS
D	SYNC, THE HOUSING WAS RE-TOOLED\RD-DMI7042701M	05-May-17	03587	SH



RECOMMENDED  
CABLE STRIPPING DIM'S



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	
REFERENCE AND CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN M. ZHANG	DATE 05-May-17
ENGINEER C. WANG	DATE 20-Aug-07
APPROVED S. HSIEH	DATE 05-May-17
CAD FILE	

TITLE SMB R/A CRIMP PLUG (FOR RG-174/U, 188A/U 316/U CABLE)	
SCALE: 6.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV D

Amphenol RF www.amphenolrf.com	
DRAWING NO. SMB6112D1-013-3GT30G-50	
ITEM NO.	126112AAT36GE5F
PART NO.	142194