

NOTES:

1. MATERIALS AND FINISHES:  
COVER - BRASS, GOLD PLATING  
FERRULE - COPPER, GOLD PLATING  
RETAINER RING - BERYLLIUM COPPER, NATURAL  
BARREL - BRASS, GOLD PLATING  
BODY - BRASS, GOLD PLATING  
CONTACT - BERYLLIUM COPPER, GOLD PLATING  
INSULATOR - PTFE & PE, NATURAL

2. 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.

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

4. CRIMPED FERRULE HEX CRIMP SIZE .128"

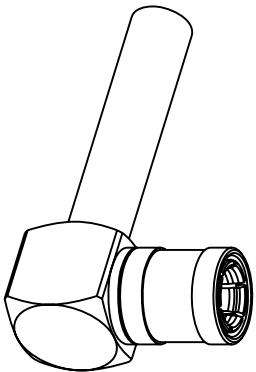
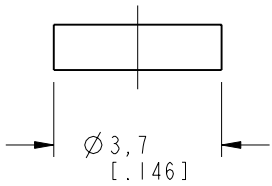
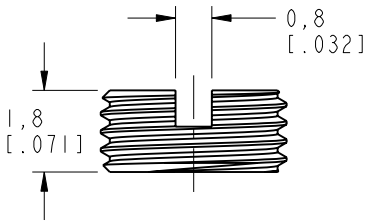
5. CONTACT PIN TO SOLDER.

6 SHOWS CABLE ENTRY DIMENSIONS.

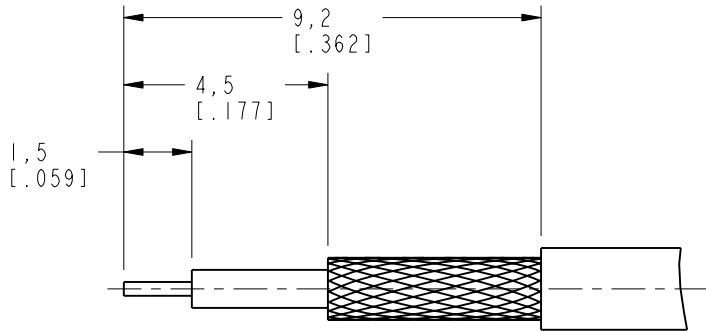
THIRD ANGLE PROJ.

REVISIONS

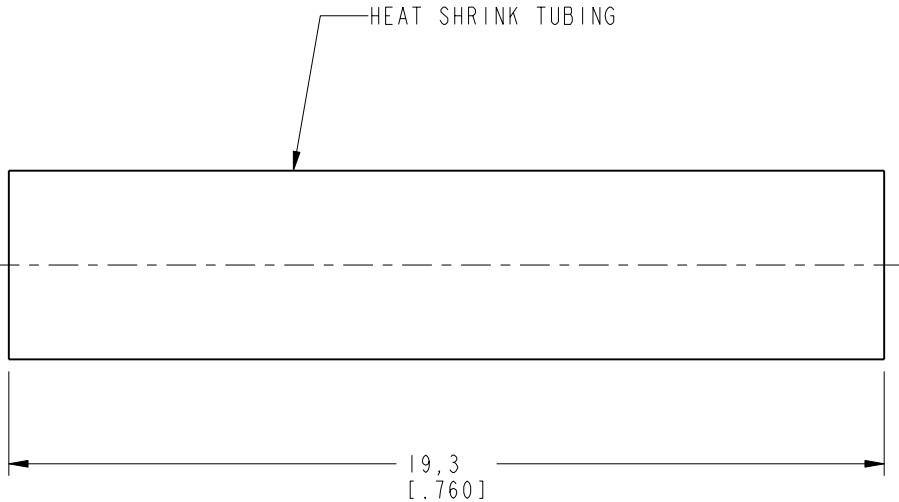
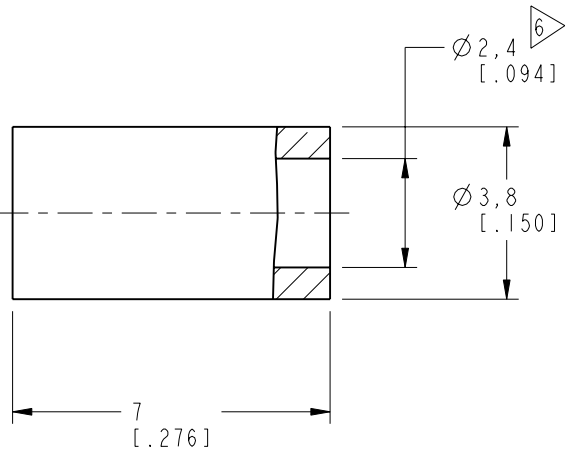
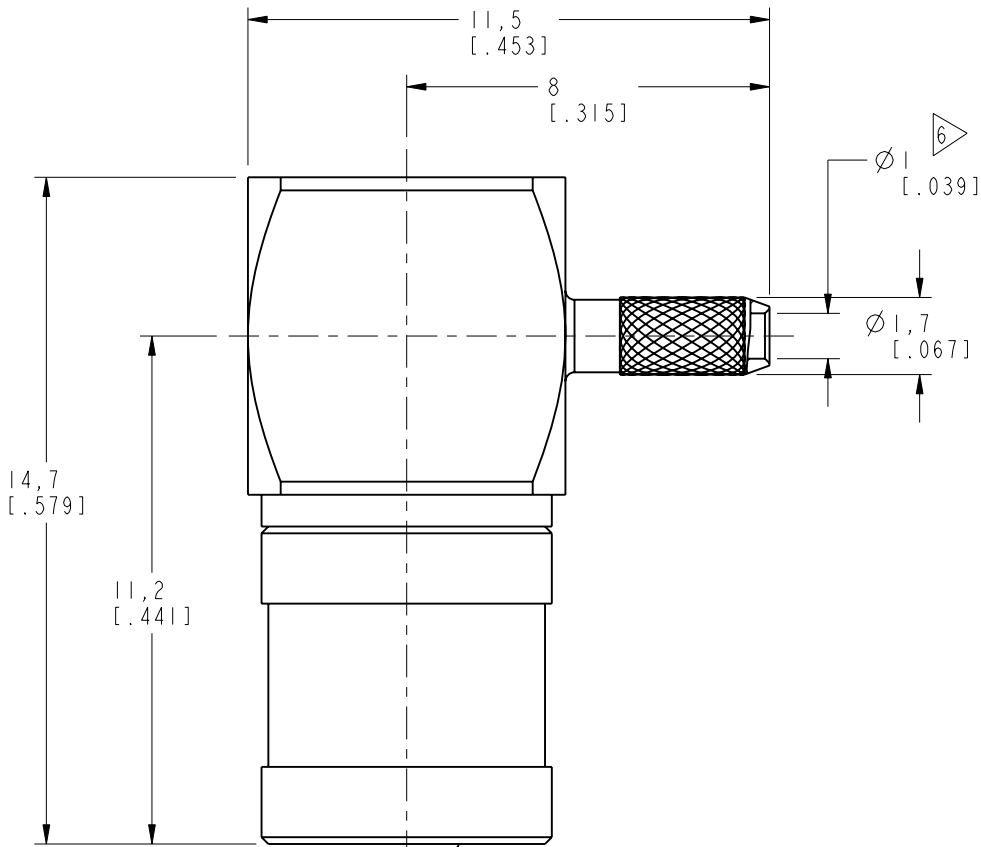
| REV | DESCRIPTION                        | DATE      | ECO   | APPR |
|-----|------------------------------------|-----------|-------|------|
| NC  | INITIAL RELEASE                    | 25-Jun-98 | ----- | --   |
| B   | REDRAWN IN PRO-E & COD SHEET ADDED | --        | ----- | NR   |
| E   | SYNC, UPDATE DRAWING FORMAT\N/A    | 27-Apr-17 | 03522 | SH   |



SCALE 2.000



RECOMMENDED  
CABLE STRIPPING DIM'S



INTERFACE PER  
MIL-STD-348  
SERIES: SMB PLUG

**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

ENGINEER  
S.HSIEH

APPROVED  
S.HSIEH

CAD FILE

DATE  
25-Apr-17

DATE  
27-Apr-05

DATE  
25-Apr-17

TITLE  
SMB R/A CRIMP PLUG  
(FOR RG-178B/U,  
196A/U CABLE)

SCALE: 6.0:1.0 SHEET 2 OF 2

DWG SIZE  
B

REV  
E

Amphenol RF

www.amphenolrf.com

DRAWING NO. SMB6112A1-006-3GT30G-50

ITEM NO. 126112ABBI6GE5F

PART NO. 142195