

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"

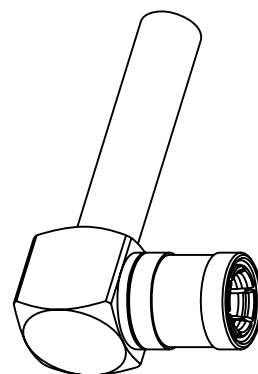
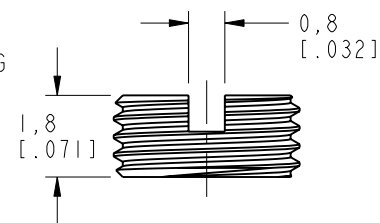
5. CONTACT PIN TO SOLDER.

6 SHOWS CABLE ENTRY DIMENSIONS.

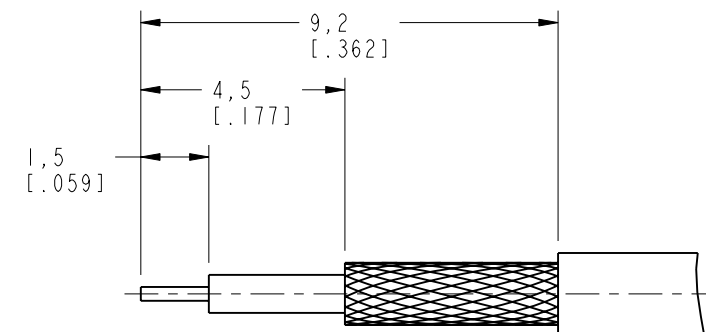
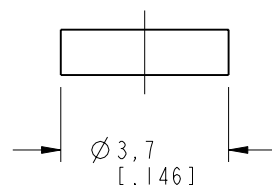
THIRD ANGLE PROJ.

REVISIONS

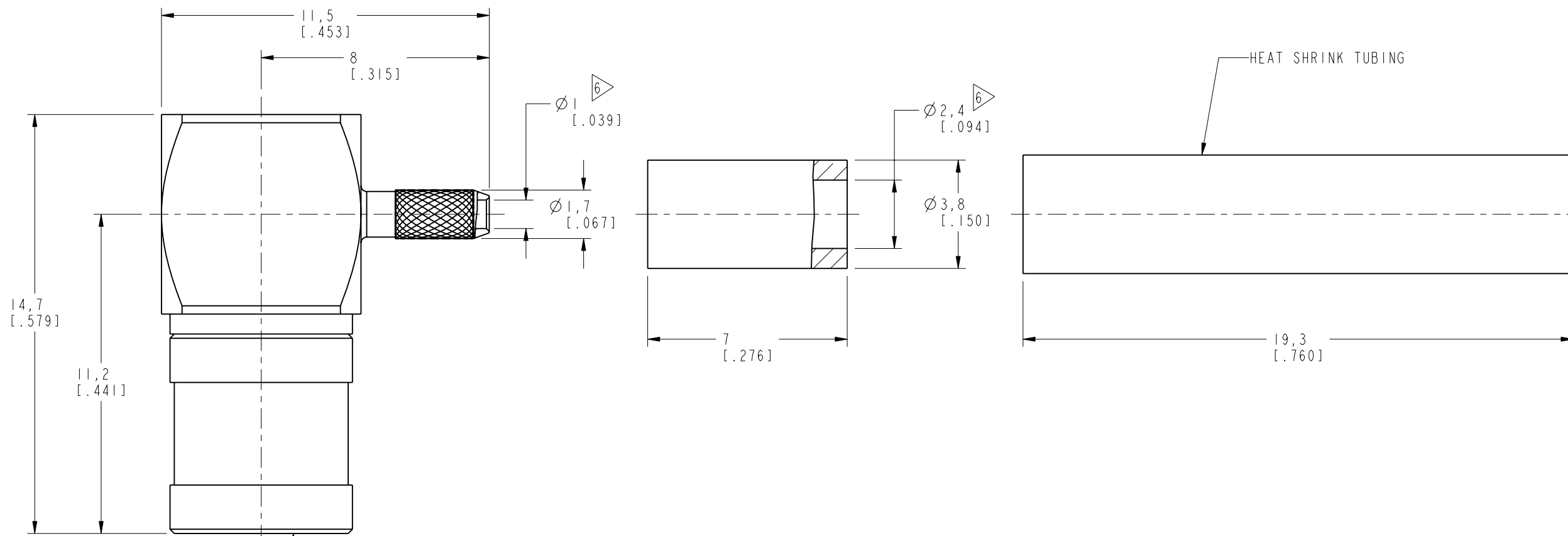
REV	DESCRIPTION	DATE	ECO	APPR
NC	INITIAL RELEASE	25-Jun-98	----	--
B	REDRAWN IN PRO-E & COD SHEET ADDED	--	----	NR
E	SYNC, UPDATE DRAWING FORMAT\N/A	27-Apr-17	03522	SH



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	DATE	25-Apr-17
ENGINEER	S. HSIEH	DATE	27-Apr-05
APPROVED	S. HSIEH	DATE	25-Apr-17
CAD FILE			

TITLE	
SMB R/A CRIMP PLUG (FOR RG-178B/U, 196A/U CABLE)	
SCALE: 6.0:1.0	SHEET 2 OF 2
DWG SIZE	REV
B	E

Amphenol RF	
www.amphenolrf.com	
DRAWING NO. SMB6112A1-006-3GT30G-50	
ITEM NO. 126112ABBI6GE5F	
PART NO. 142195	