

NOTES:

1. MATERIALS AND FINISHES:  
 FERRUL - COPPER, GOLD PLATING  
 HEX NUT - BRASS, GOLD PLATING  
 BODY - BRASS, GOLD PLATING  
 BARREL - BRASS, GOLD PLATING  
 CONTACT - BRASS, GOLD PLATING  
 INSULATOR - PTFE, NATURAL

2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHMS  
 B. FREQUENCY RANGE: DC - 12.4 GHz  
 C. VSWR (RETURN LOSS): 1.3 (-17.700 dB) MAX. @ DC - 3 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 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"

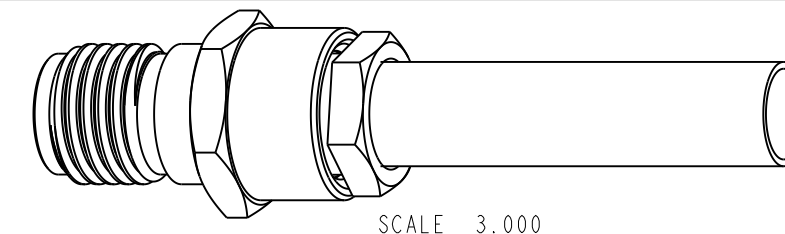
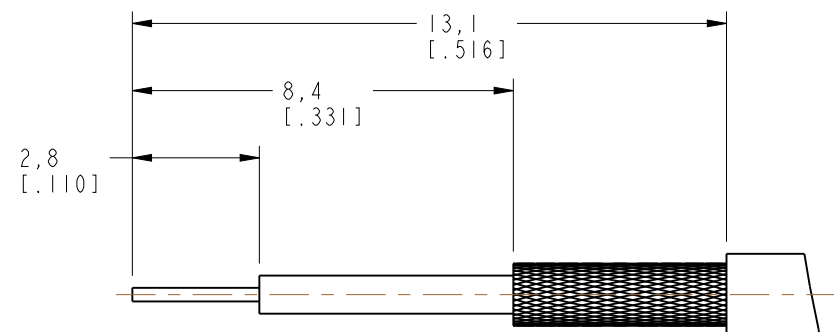
5. CONTACT PIN CAN BE SOLDERED OR USE 4-WAY INDENT TOOL #47025.

6. SHOWS CABLE ENTRY DIMENSIONS.

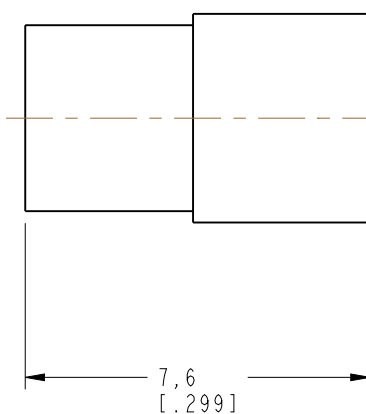
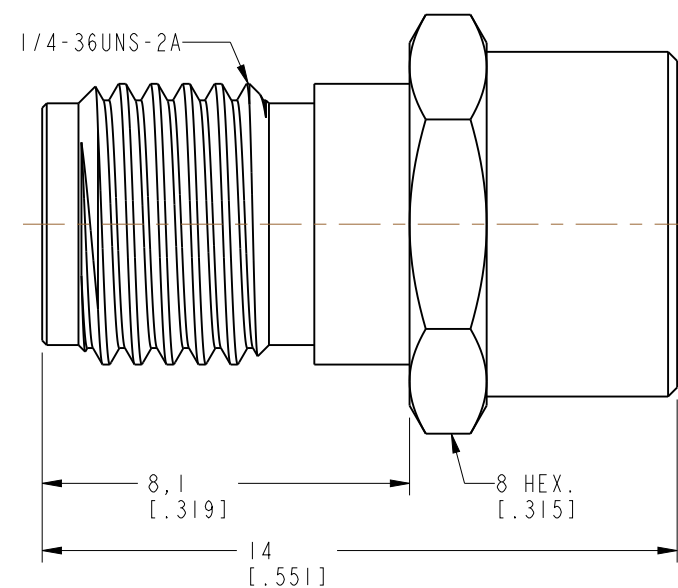
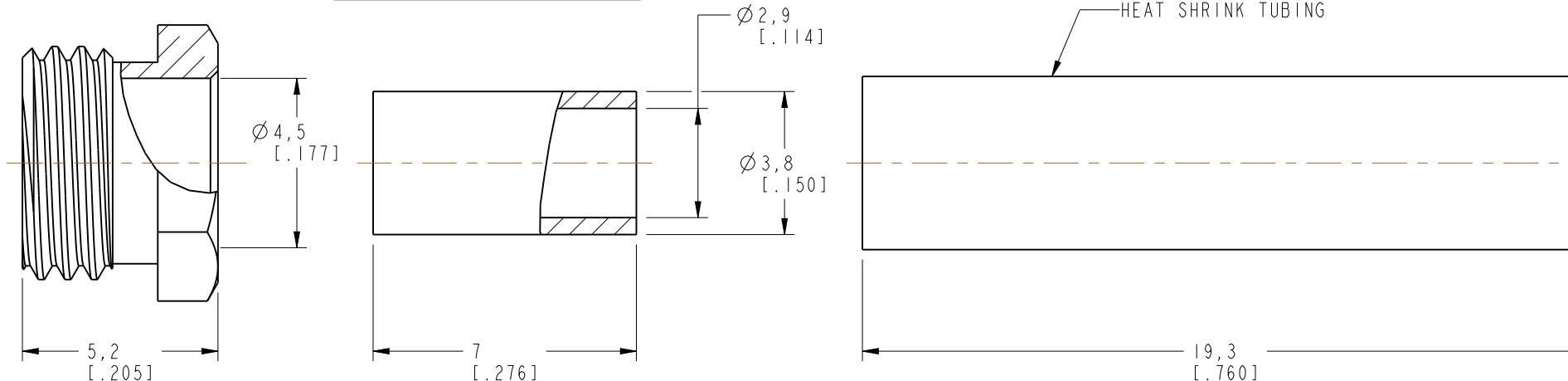
THIRD ANGLE PROJ.

REVISIONS

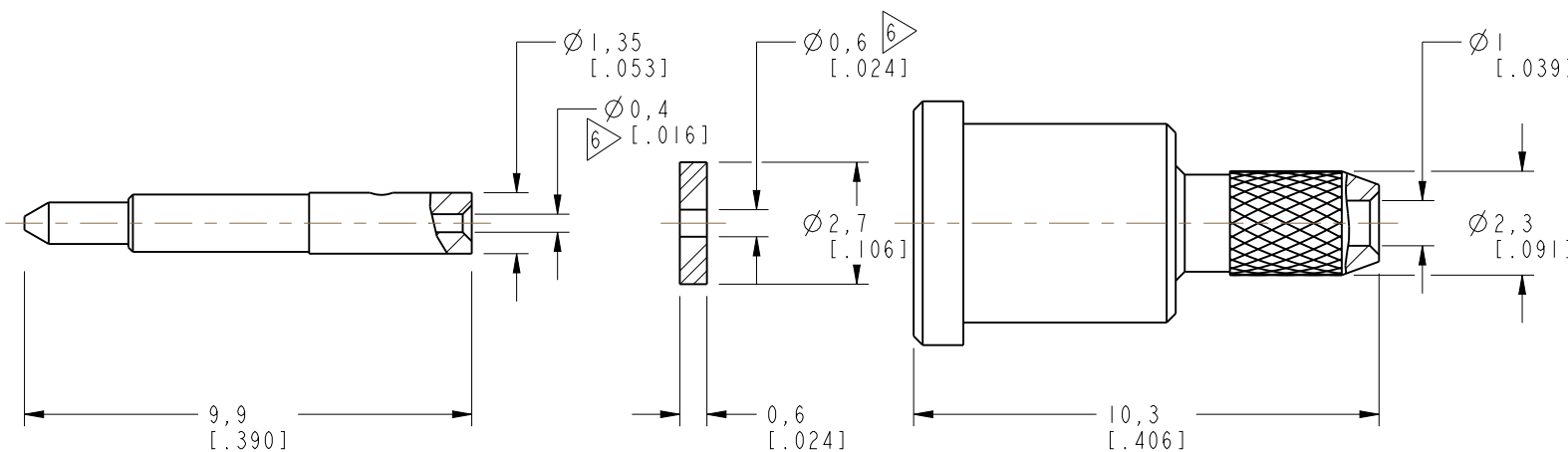
REV	DESCRIPTION	DATE	ECO	APPR
NC	INITIAL RELEASE	13-Apr-12	----	MZ
A	CHANGED THE BARREL O.D & FERRULE	25-Jul-18	08682	MZ



RECOMMENDED  
CABLE STRIPPING DIM'S



SECTION A-A



**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 15-Jun-18	TITLE SMA REVERSE POLARITY CRIMP JACK (FOR RG- 178B/U, 196A/U CABLE)		Amphenol RF www.amphenolrf.com
REFERENCE AND CONFIGURATION LEVEL: In Work	ENGINEER S.LI	DATE 10-May-12	DRAWING NO. RSMA6111G2-3GT5GP-196AU-50		
FINISH	APPROVED S.HSIEH	DATE 15-Jun-18	SCALE: 6.0:1.0	SHEET 2 OF 2	ITEM NO. 616111AAC16FR5F
	CAD FILE		DWG SIZE B	REV A	PART NO. 132279RP