

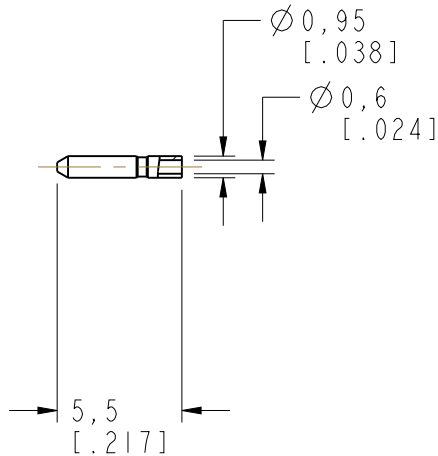
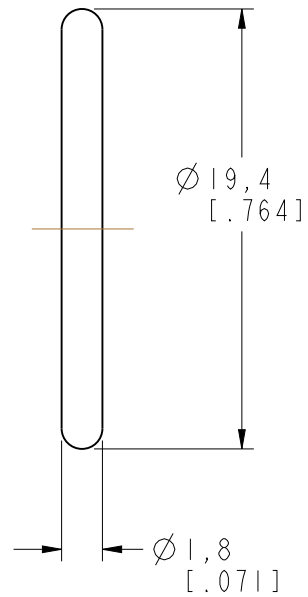
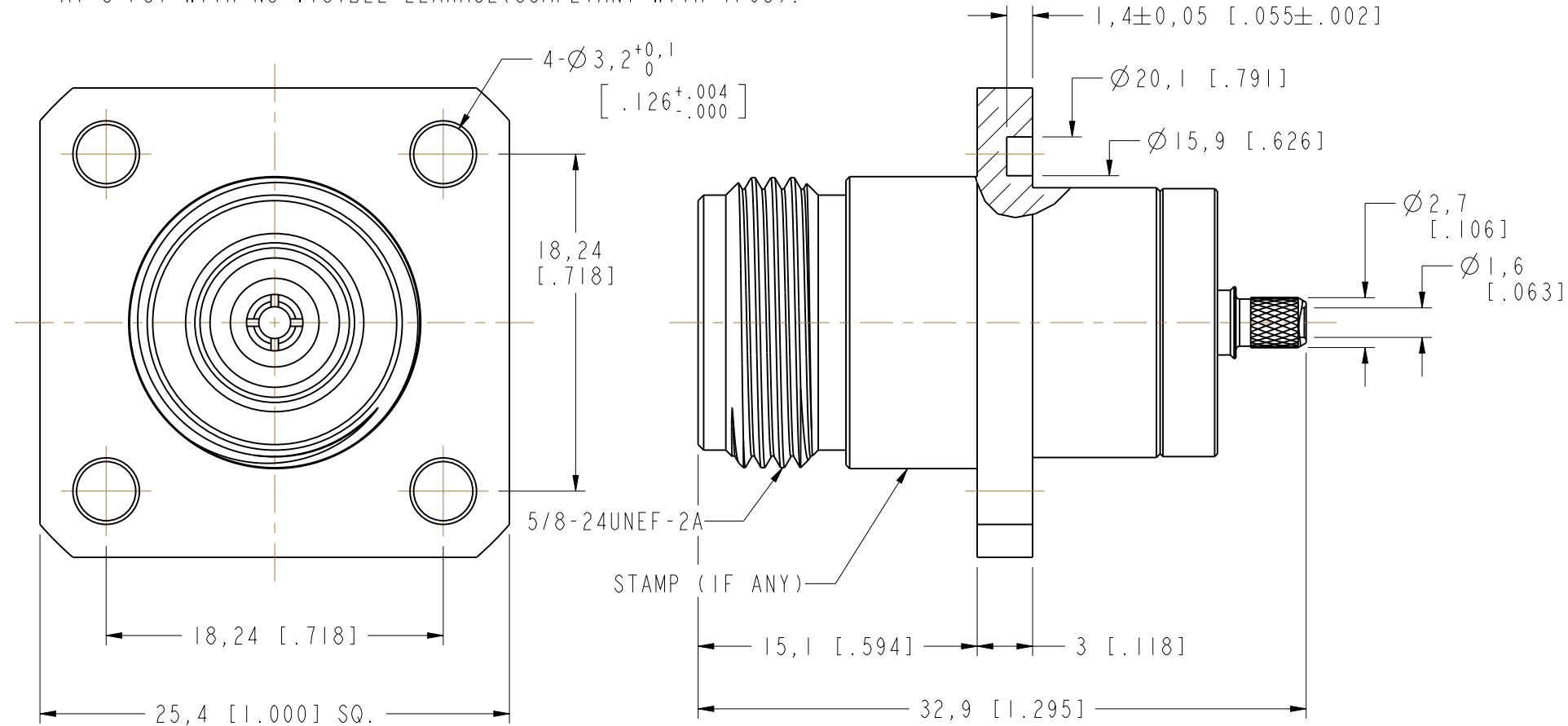
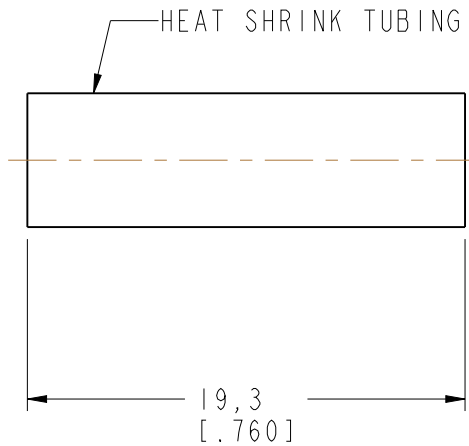
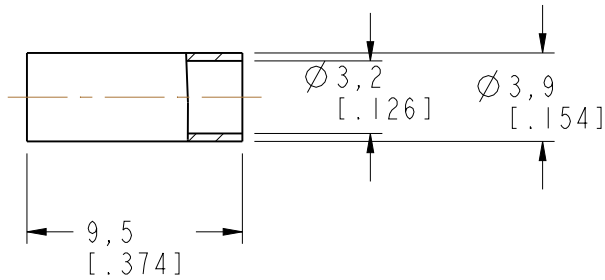
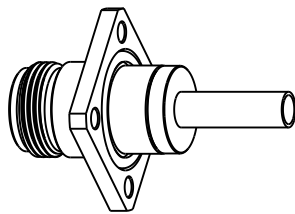
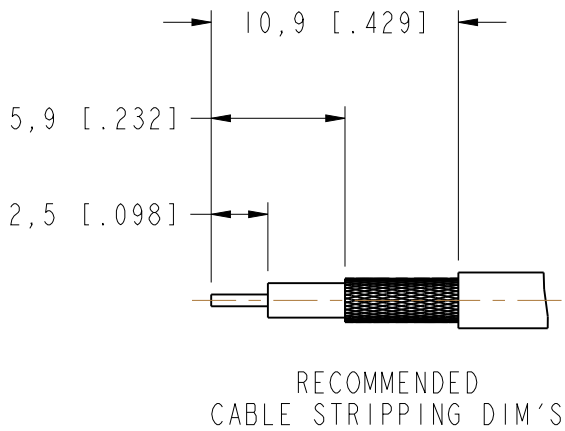
NOTES:

1. MATERIALS AND FINISHES:  
BODY - BRASS, ALBALOY PLATING  
CONTACT - BRASS & PHOSPHOR BRONZE, GOLD PLATING  
INSULATOR - PTFE, NATURAL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 11 GHz  
C. VSWR: 1.2 MAX @ 6 GHz  
D. INSERTION LOSS: 0.25 dB MAX.@ 6 GHz  
E. DIELECTRIC WITHSTANDING VOLTAGE: 2000 VRMS, MIN.
3. MECHANICAL:  
A. DURABILITY: 50 OHM, NOMINAL  
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. THE ASSEMBLIES MUST TEST BY SUBMERGING IN WATER FOR 1 MINUTE AT 8 PSI WITH NO VISIBLE LEAKAGE(COMPLIANT WITH IP68).

THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
NC	INITIAL RELEASE	19-Nov-10	-----	MZ
A	UPDATED INS. TO IMPROVE ELECTRICAL PERFORMANCE	07-May-15	50484	MZ



**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	N6521G1-004-AT5GP-50
CONFIGURATION LEVEL:	In Work
FINISH	

DRAWN	M.ZHANG	DATE	07-May-15
ENGINEER	S.DUAN	DATE	07-May-15
APPROVED	S.HSIHE	DATE	07-May-15
CAD FILE			

TITLE	N PANEL RECEPT. JACK IP-68 COMPLIANT (FOR RG-316/U CABLE)
SCALE:	3.0:1.0
SHEET	3 OF 3
DWG SIZE	B
REV	A

Amphenol Connex
DRAWING NO.
ITEM NO.
PART NO. 172173-14

# Mouser Electronics

Authorized Distributor

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