

NOTES:

I. MATERIALS AND FINISHES:

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|-----------------------|---|
| SHELL | - ZINC ALLOY, NICKEL PLATING (.000100" MIN. THINCK) |
| FERRULE | - BRASS, NICKEL PLATING (.000100" MIN. THINCK) |
| WASHER | - BRASS, NICKEL PLATING (.000100" MIN. THINCK) |
| SPRING | - BeCu, NICKEL PLATING (.000100" MIN. THINCK) |
| CONTACT | - BRASS, GOLD PLATING (.000003" MIN. THINCK) |
| BODY & RETAINING RING | - BRASS, NICKEL PLATING (.000100" MIN. THINCK) |
| INSULATOR & SLEEVE | - DELRIN, NATURAL |
| GASKET | - SILICONE RUBBER, RED |

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 4 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 1200 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -40°C TO $+85^{\circ}\text{C}$

4. CRIMPED FERRULE HEX CRIMP SIZE .178"

5. CENTER CONTACT ASSEMBLY:

OPTION A: CRIMP CENTER CONTACT WITH OPEN FRAME HEX CRIMP TOOL M22520/5-01 (HX4) USING .068" HEX CRIMP DIE SET.

OPTION B: CRIMP CENTER CONTACT USING ADJUSTABLE QUICK CRIMP TOOL FOR BNC, CTL-6. TOOL RACHET ADJUST WHEEL

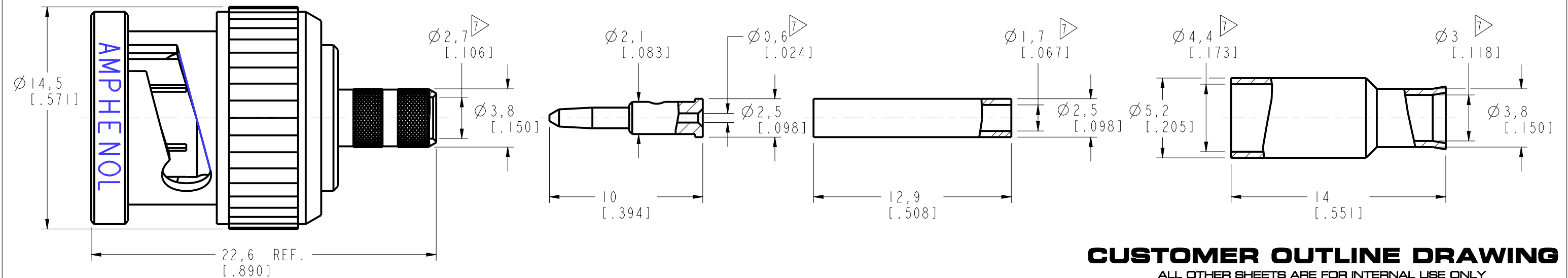
NEEDS TO BE SET TO PROPER CHANNEL IN ORDER TO MEET PROPER CABLE RETENTION FORCE.

OPTION C: SOLDER THE CENTER CONTACT TO CABLE CENTER CONDUCTOR.

6. PACKAGING:

- A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 31-315-RFX, DATE CODE"

7. SHOWS CABLE ENTRY DIMENSIONS.



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°				MATERIAL - -		DRAWN M. ZHANG		DATE 26-Dec-16		TITLE BNC CRIMP PLUG (FOR RG-174/U, 188A/U 316/U CABLE)				Amphenol RF www.amphenolrf.com					
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						APPROVED S. HSIEH		DATE 26-Dec-16		SCALE: 4.0:1.0		SHEET 2 OF 2		ITEM NO. 31-315-RFX					
						CAD FILE		DWG SIZE B		REV E		PART NO. 31-315-RFX							
				FINISH															