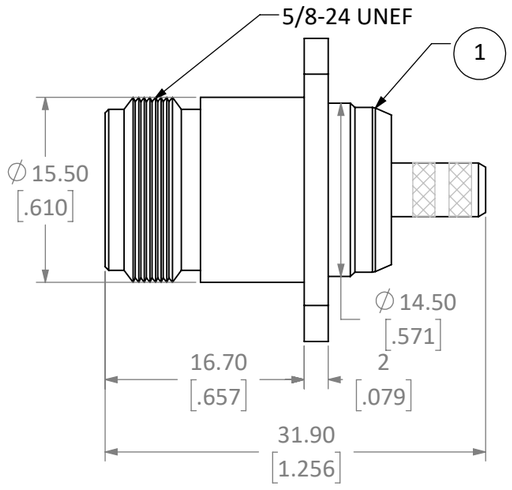
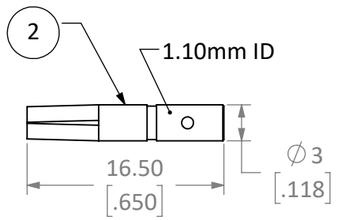
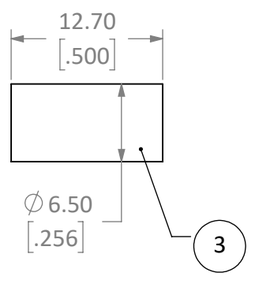
BILL OF MATERIALS			
ITEM	QTY.	Unit	DESCRIPTION
1	1	EA	CONNECTOR BODY, N, BRASS/WHT BRONZE
2	1	EA	CENTER CONTACT, PHOSPHOR BRONZE/GOLD
3	1	EA	Ø5.70mm ID FERRULE CRIMP RING
4	25	mm	Ø6.5mm ID HEAT SHRINK PE MATERIAL

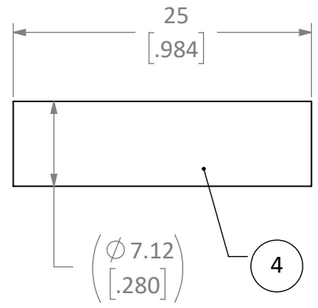
REVISIONS			
REV	DESCRIPTION	DATE	APPV

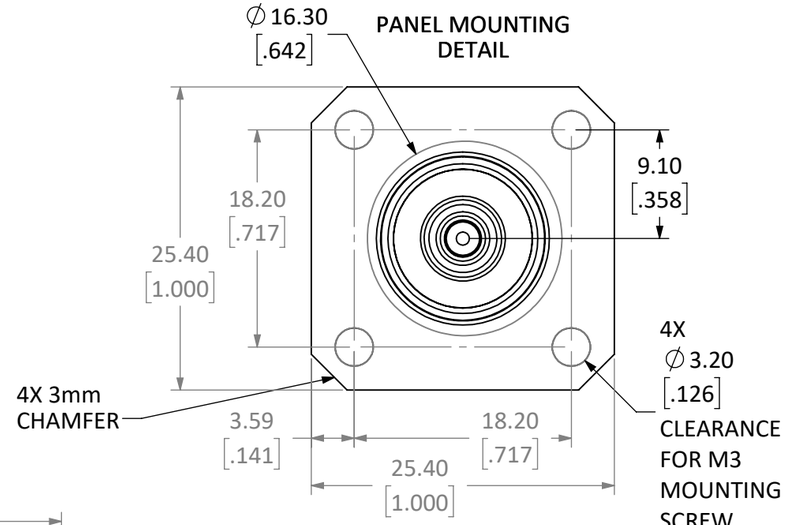
ASSEMBLY INSTRUCTIONS:
1. CUT CABLE TO DESIRED LENGTH
2. SLIP HEAT SHRINK AND CRIMP RING OVER CABLE END.
3. STRIP CABLE AS SHOWN BELOW
4. SOLDER CENTER CONDUCTOR TO CENTER CONTACT [FN2]
5. SPREAD SHIELDING BRADE BACK OVER CABLE SHIETH
6. INSERT CENTER CONDUCTOR INTO HOUSING
7. SLIDE CRIMP RING IN PLACE AND CRIMP USING APPROPRIATE CRIMP TO FOR WIRE SIZE. △1 △2
8. SLIDE HEAT SHRINK OVER CRIMP RING AND SHRINK IN PLACE USING HEAT GUN.



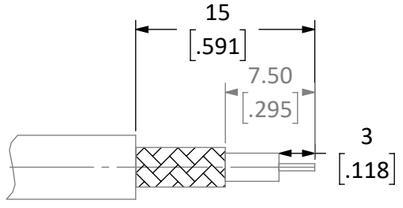


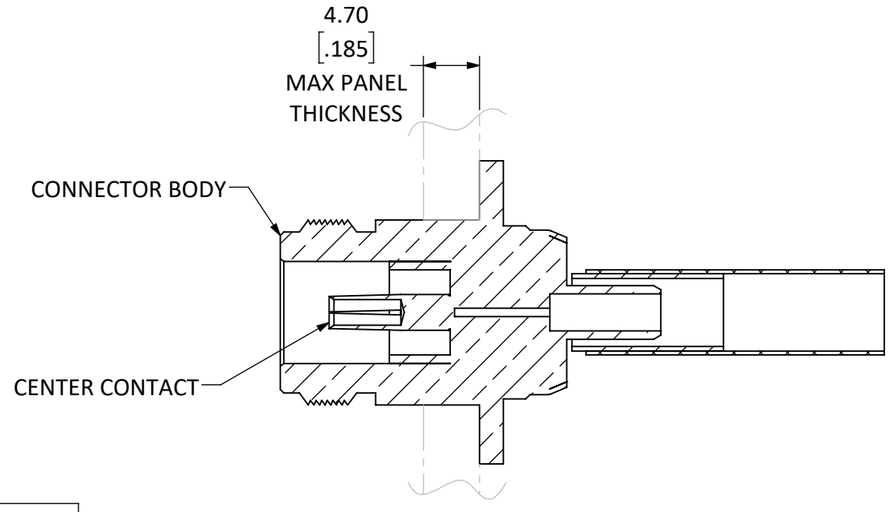






NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE IN MILLIMETER [inch].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE,USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. IMPEDANCE: 50Ω
5. FREQUENCY RANGE: DC 0-11 GHz
6. VSWR: 1.3 Max @ 6 GHz
7. MAX DIELECTRIC: 2500Vrms min.
8. CONTACT RESISTANCE:
   1. INNER: 1.0mΩ MAX
   2. OUTER: 1.0mΩ MAX
9. INTERFACE IAW MIL-STD-348A
10. OPERATING TEMP: -60º~165ºC
11. CRIMP SIZE:
    1. △1 FERRULE: HEX CRIMP [5.41mm]
    2. △2 PIN: HEX MICRO [2.54mm]
12. DURABILITY: 500 CYCLES MIN





SOLID MODEL

CABLE TYPE PREPARATION	
RG-55	RG-400
RG-142	RG-223

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159 ORT LANE
MERLIN, OR 97532

MATERIAL: BRASS BODY PHOSPHOR BRONZE	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. .X ±2.0 .XX ±1.00 .XXX ±.500 ANGLES: ±1° SURFACE: 32	PROJECTION:	TITLE: CONNECT, N, FEM, 50Ω, PNL, SEAL, SOLDER
WEIGHT:			SIZE B · DWG. NO. C-CONN008-W · REV 1
FINISH: WHITE BRONZE GOLD	DRAWN: JHAGER	DT: 9/15/20	SCALE: 2:1 · DO NOT SCALE DRAWING · SHEET 1 OF 1
	ENGR: DASARATHAN	DT: 9/22/20	

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