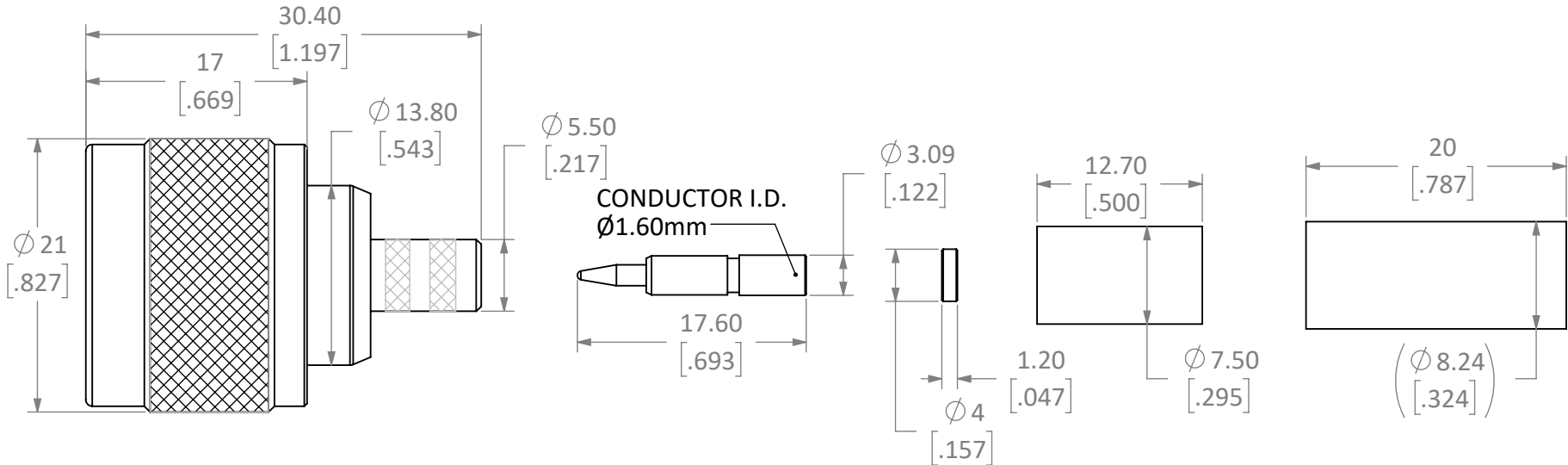
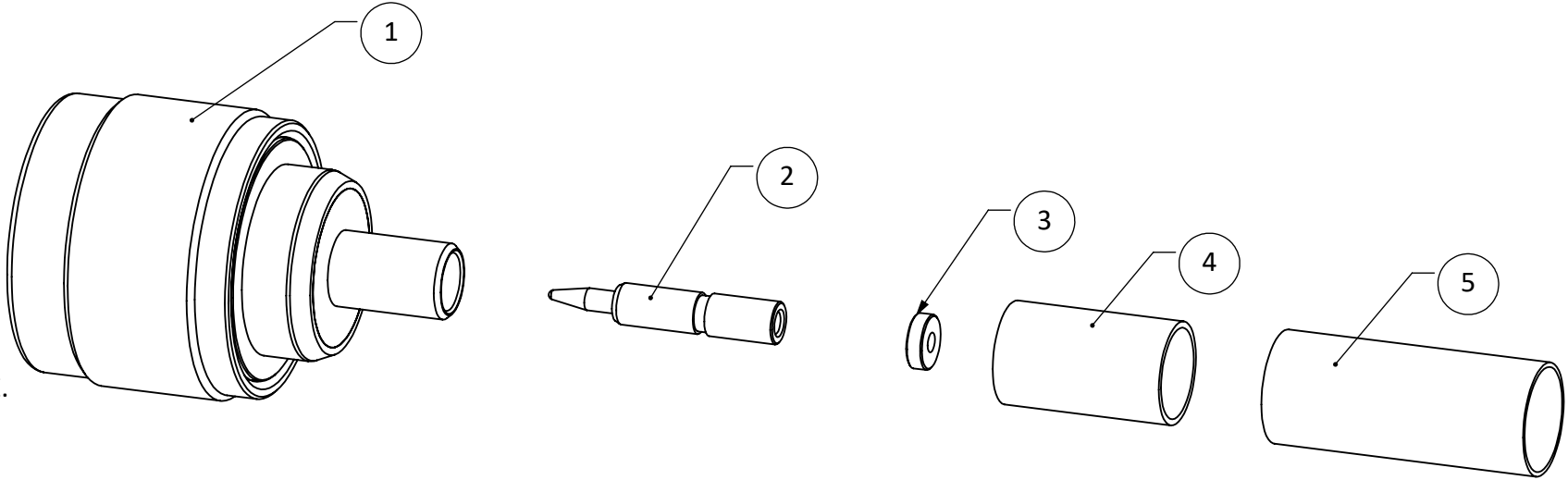


BILL OF MATERIALS			
ITEM	QTY.	Unit	DESCRIPTION
1	1	EA	CONNECTOR INTERFACE HOUSING, WHITE BRONZE
2	1	EA	INNER CONTACT, BRASS /GOLD
3	1	EA	WIRE SUPPORT (SEE PREPARATION TABLE FOR USAGE)
4	1	EA	6.6mm ID FERRULE CRIMP RING, WHITE BRONZE
5	20	mm	Ø7.6mm ID HEAT SHRINK PE MATERIAL,BLACK

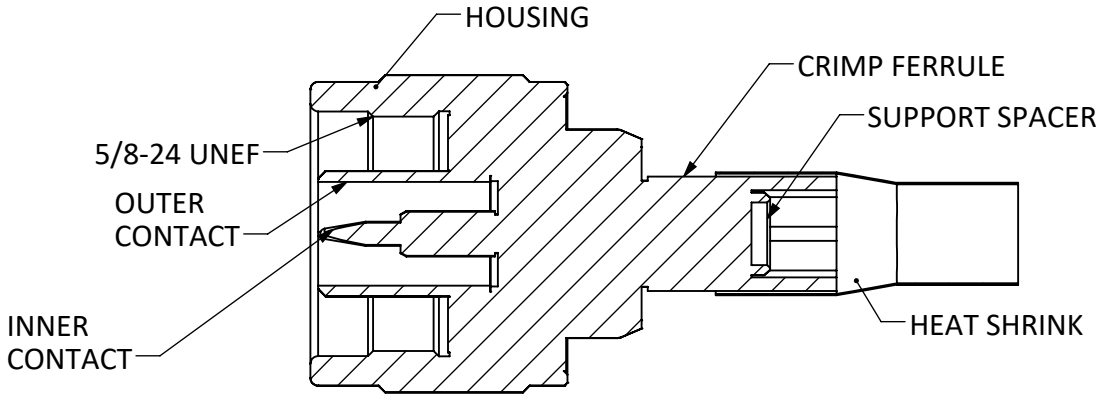
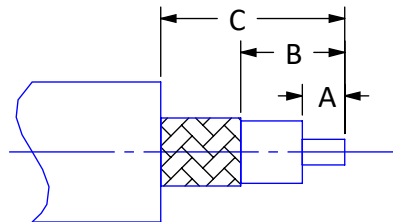
ASSEMBLY INSTRUCTIONS:

- CUT CABLE TO DESIRED LENGTH
- SLIP HEAT SHRINK AND CRIMP RING OVER CABLE END.
- STRIP CABLE AS SHOWN BELOW
- SLIDE SMALL WIRE SUPPORT [FN3] OVER END CONDUCTOR BACK TO PTFE.
- SOLDER CENTER CONDUCTOR TO CENTER CONTACT [FN2] △2
- INSERT CENTER CONDUCTOR INTO HOUSING UNTIL CONNECTOR CLICKS INTO PLACE.
- SPREAD SHIELDING BRADE OVER HOUSING END.
- SLIDE CRIMP RING IN PLACE AND CRIMP USING APPROPRIATE CRIMP TO FOR WIRE SIZE. △1 △2
- SLIDE HEAT SHRINK OVER CRIMP RING AND SHRINK IN PLACE USING HEAT GUN.



NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MILLIMETER [inch].
- DIMENSIONS APPLY AFTER FINISHING.
- 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.
- IMPEDANCE: 50Ω
- FREQUENCY RANGE: DC 0-11 GHz
- VSWR: 1.3 Max @ 6 GHz
- MAX DIELECTRIC: 2500Vrms min.
- CONTACT RESISTANCE:
  - INNER: 1.0mΩ MAX
  - OUTER: 1.0mΩ MAX
- INTERFACE IAW MIL-STD-348A
- OPERATING TEMP: -60°~165°C
- CRIMPED SIZE:
  - △1 FERRULE: HEX CRIMP 5.41mm [215in]
  - △2 CONTACT: HEX CRIMP 2.54 [.100in]
- SEE TABLE FOR RECOMMENDED STRIPPING DIMENSIONS
- DURABILITY: 500 CYCLES MIN



SOLID SHARING MODEL VIEW

CABLE TYPE	DIM A	DIMB	DIM C	WIRE SUPPORT SPACER REQUIRED
LMR-240	4.7 [.195]	8.1 [.318]	15.85 [.624]	YES
RG-8/X	3.5 [.138]	8.1 [.318]	15.85 [.624]	NO

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MATERIAL: BRASS	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.		PROJECTION: 
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE:	
FINISH: WHITE BRONZE GOLD CONTACT PIN	DRAWN: JHAGER ENGR: DASARATHAN	DT: 9/11/20 DT: 9/21/20	



159 ORT LANE  
MERLIN, OR 97532

TITLE:  
**CONNECTOR, N, CRIMP, LMR-240**

SIZE **B** DWG. NO. **C-CONN007-2-W** REV **1**

SCALE: 2:1 DO NOT SCALE DRAWING SHEET 1 OF 1