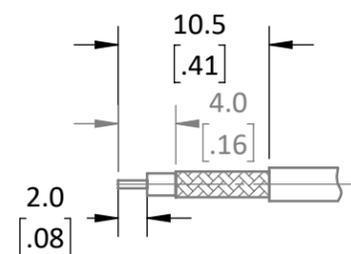
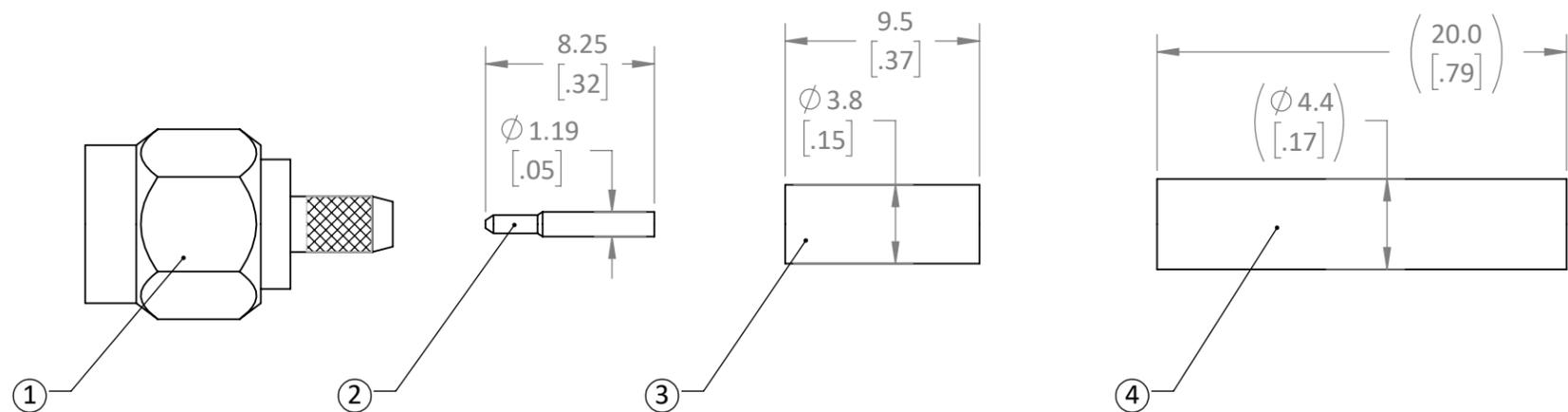
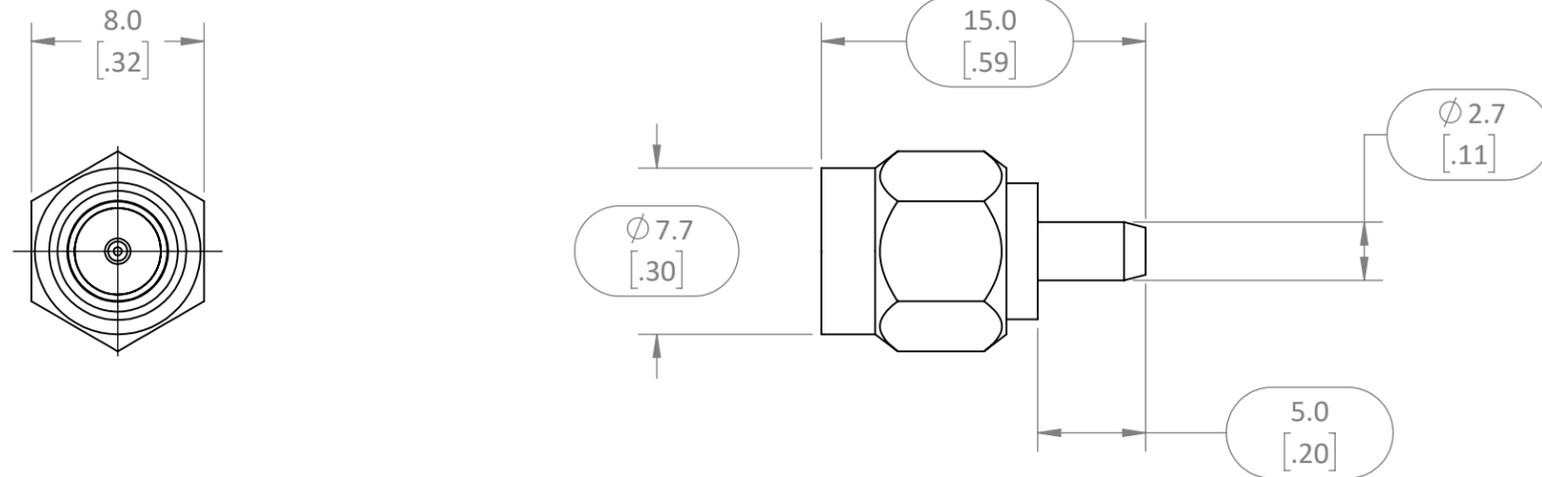


ITEM NUMBER	DESCRIPTION
1	CONNECTOR, SMA TYPE (SEE TABLE)/BRASS
2	PIN, SMAM RG174, GOLD/BRASS
3	CRIMP RING RG174, (SEE TABLE)/BRASS
4	HEAT SHRINK, POLYOL, 2:1, BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	MSCHULTE 21/JAN/19	DV 08/MAR/19



RECOMMENDED CABLE STRIPPING DIMENSIONS CAN ALSO BE USED WITH RG-188 & RG-316

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
  - 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.
  - MECHANICAL PROPERTIES
    - DURABILITY: 500 CYCLES
    - RECCOMENDED TORQUE: 0.56 Nm [5.0in lbs]
    - TEMPERATURE RANGE: -55° - +155°C
    - CORROSION (SALT SPRAY): ASTM B-117
  - ELECTRICAL SPECIFICATIONS ARE LISTED FOR REFERENCE ONL SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
    - IMPEDANCE: 50Ω
    - INSERTION LOSS: .075xvf(GHz) [CONNECTOR]
  - PRODUCT QUALIFIED IAW LINX TEST PLAN AT CURRENT REVISION.
  - UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT LATEST REVISION.
  - PACKAGE KITS INDIVIDUALLY AND PLACE IN LOT BAGS.
  - LABEL LOT BAGS AND BOXES IAW LINX LABEL DRAWING [MEC-LBL-4x2.5-PAPER-ID]

ASSEMBLY INSTRUCTIONS

- Strip the cable to the recommended dimensions.
- Slip heat shrink and crimp ring onto stripped cable.
- Solder the pin at the center-conductor.
- Insert the pin, center conductor and insulator into the body until the top of the pin is flush with the opening of the body.
- Wrap the braid around the tail of the body and crimp the ring with a 0.128" hex crimp tool, (or one labeled for use with RG-174 cable)
- Use heat shrink to cover crimp.

ITEM NUMBER	FINISH
CONSMA007	NICKEL
CONSMA007-G	GOLD

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**STE** 159 ORT LANE  
MERLIN, OR 97532  
connectivity

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:	TITLE:
WEIGHT:	.X ±.2 .XX ±.10 .XXX ±.050	ANGLES: ±1° SURFACE: √	SMA MALE CABLE END CRIMP FOR COAX CABLE
FINISH: VAR	DRAWN: AJVM ENGR:	DT: 7/27/2022 DT: 10-JUL-08	SIZE DWG. NO. REV <b>B</b> C-CONSMA007-X <b>A</b>
			SCALE: 3:1 DO NOT SCALE DRAWING SHEET 1 OF 1