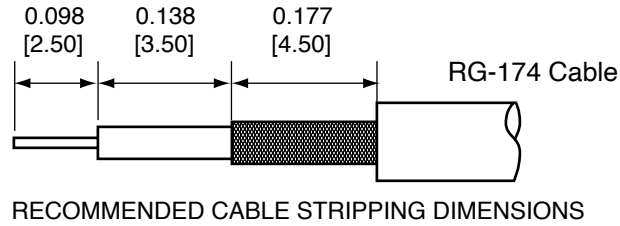
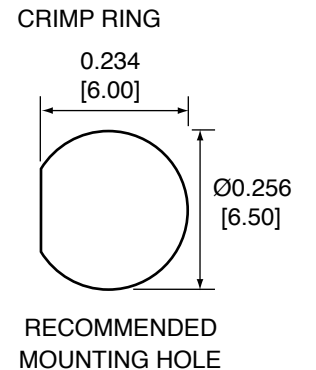
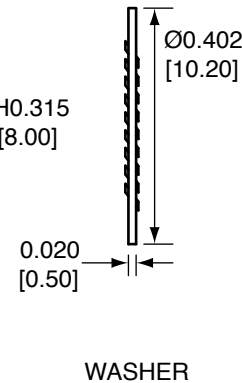
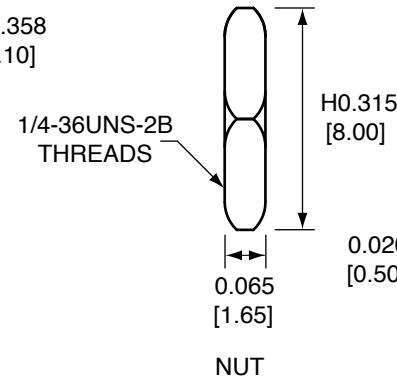
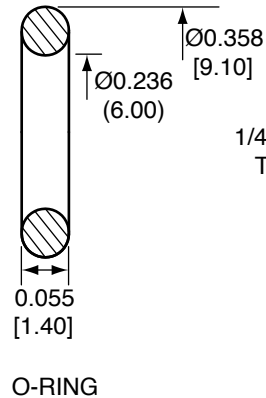
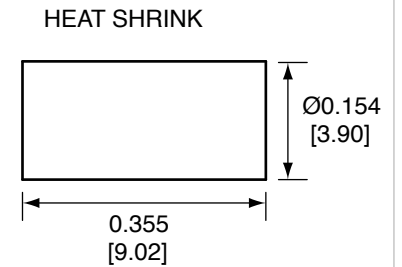
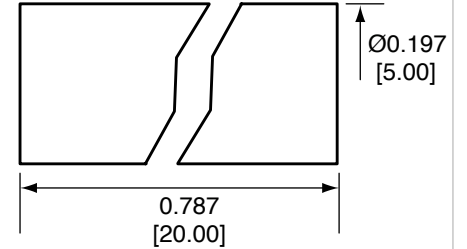
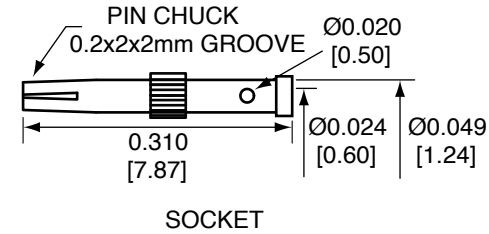
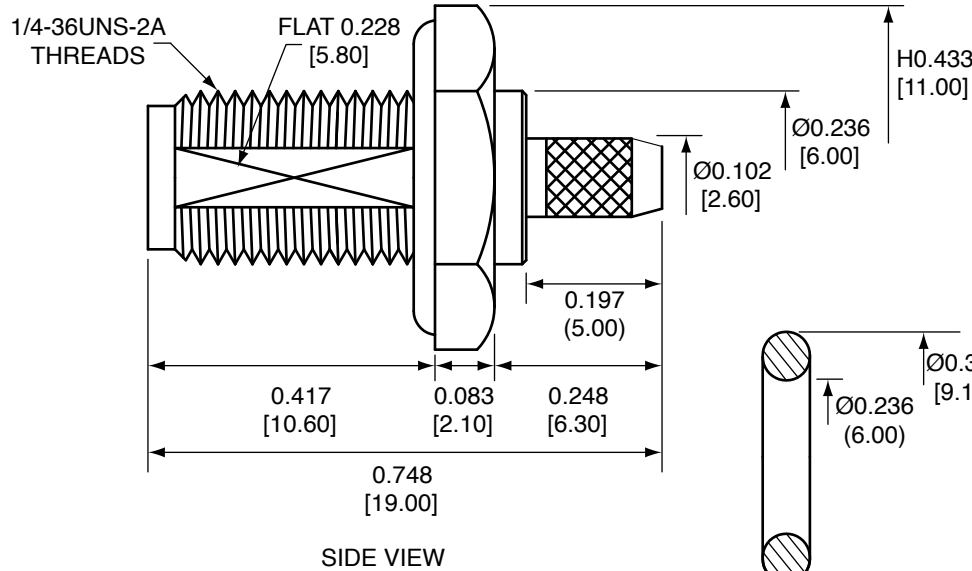


Description	Material	Finish
Body	Brass	Nickel
Socket	Brass	Gold
Insulation	PTFE	N/A
O-Ring	Si Rubber	Rubber
Crimp ring	Brass	Nickel
Washer	Brass	Nickel
Nut	Brass	Nickel
Heat Shrink	Polyolefin	Black



REVISIONS			
REV	DESCRIPTION	DATE	APPV
B	Updated dimensions; Added new title block	10-JUL-12	SAH
C	Updated socket look and dim.; Updated crimp ring dim.	29-OCT-12	SAH



### CONSMSA014 ASSEMBLY INSTRUCTIONS

- Strip the cable to recommended dimensions.
- Slip heat shrink and crimp ring onto stripped cable.
- Insert o-ring into groove in the nut on body.
- Solder the socket to the center conductor.
- Insert the socket, center conductor, and insulation into the body.
- Wrap the braid around the tail of the body and crimp the ring with 0.128" hex crimp tool (or one labeled for use with RG-174 cable).
- Use heat shrink to cover crimp.
- Use the nut and washer to secure the connector to a case. (2.50mm maximum wall thickness)

### NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS APPLY AFTER FINISHING.
- MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE.
- SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.

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MATERIAL:	TOLERANCES: .020 [0.50]-.200 [5.00]= ±.008 [0.20] .200 [5.00]-1.200 [30.00]= ±.016 [0.40] 1.20 [30.0]-4.75 [120.0]= ±.024 [0.60] 4.75 [120.0]-12.40 [315.0]= ±.040 [1.0]	PROJECTION: 
FINISH:	DRAWN: B.MURPHY	DT: 10-JUL-12
	ENGR: S.HOGAN	DT: 10-JUL-12



TITLE:  
**SMA FEMALE BULKHEAD MOUNT CABLE  
END CRIMP WITH O-RING FOR RG174 CABLE**

SIZE	DWG. NO.	REV
<b>A</b>	<b>CONSMSA014</b>	<b>C</b>

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