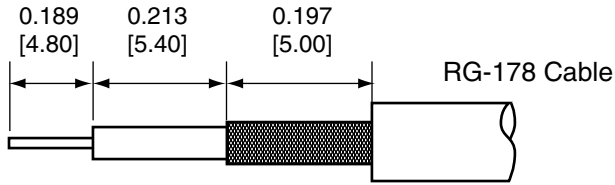
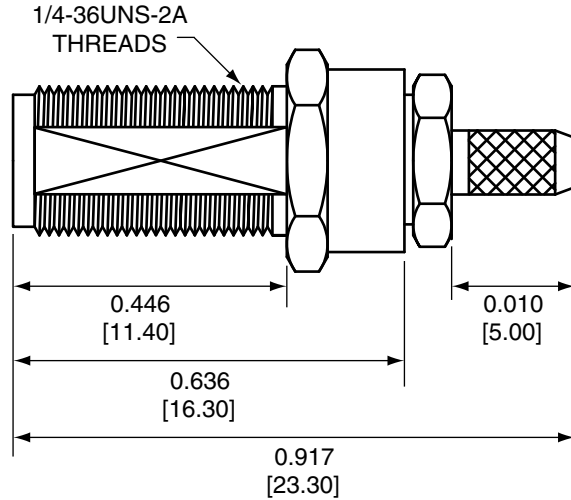


Description	Material	Finish
Body	Brass	Nickel
Socket	BE CU	Gold
Pin Insulator	PTFE	N/A
Washer	Brass	Nickel
Nut	Brass	Nickel
Spacer	PTFE	N/A
Shield Sleeve	Brass	Nickel
Retaining Nut	Brass	Nickel
Crimp Ring	Brass	Nickel
Heat Shrink	Polyolefin	Black

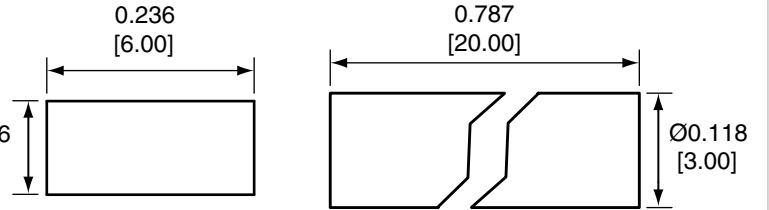
REVISIONS			
REV	DESCRIPTION	DATE	APPV
B	Updated footprint and dimensions; Added new title block	29-JUN-12	BPM



RECOMMENDED CABLE STRIPPING DIMENSIONS

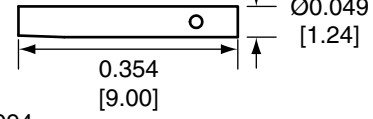


SIDE VIEW

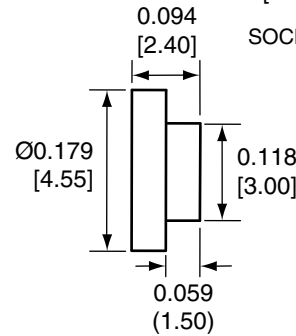


CRIMP RING

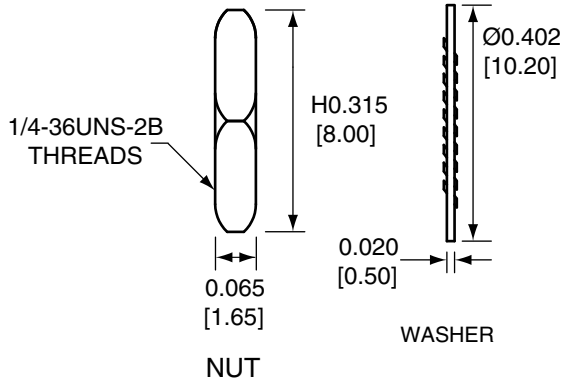
HEAT SHRINK



SOCKET

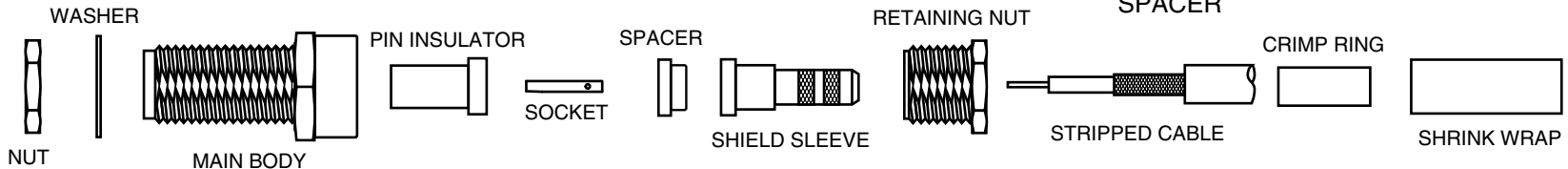


RECOMMENDED MOUNTING HOLE



NUT

WASHER



NOTES: (UNLESS OTHERWISE SPECIFIED)

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

CONSMA005 ASSEMBLY INSTRUCTIONS

1. Strip cable to recommended dimensions.
2. Slip heat shrink and crimp ring onto stripped cable.
3. Insert the stripped cable through the retaining nut, shield sleeve, and spacer.
4. Solder the socket to the center conductor.
5. Insert the socket into the pin insulator, then screw the main body onto the retaining nut.
6. Wrap the braid around the tail of the body and crimp the ring with a 0.100" hex crimp tool (or one labeled for use with RG-178 cable).
7. Use heat shrink to cover crimp.
8. Use the nut and washer to secure the connector to a case.

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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: ANGLES: ±1°
FINISH:	DRAWN: B.MURPHY ENGR:	DT: 29-JUN-12 DT:

		159 ORT LANE MERLIN, OR 97532	
TITLE: SMA FEMALE BULKHEAD MOUNT CABLE END CRIMP FOR RG178 CABLE			
SIZE A	DWG. NO. CONSMA005-R178		REV B
SCALE: 2:1	DO NOT SCALE DRAWING		SHEET 1 OF 1