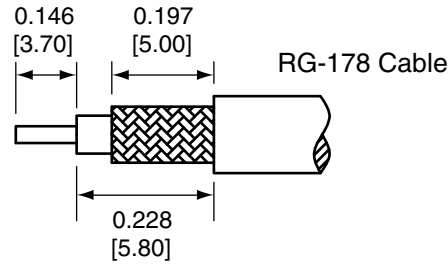
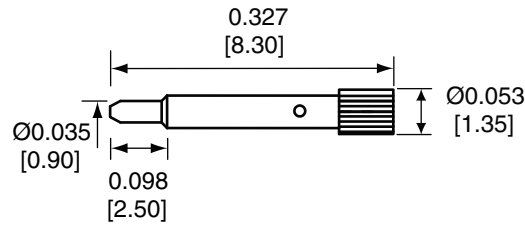
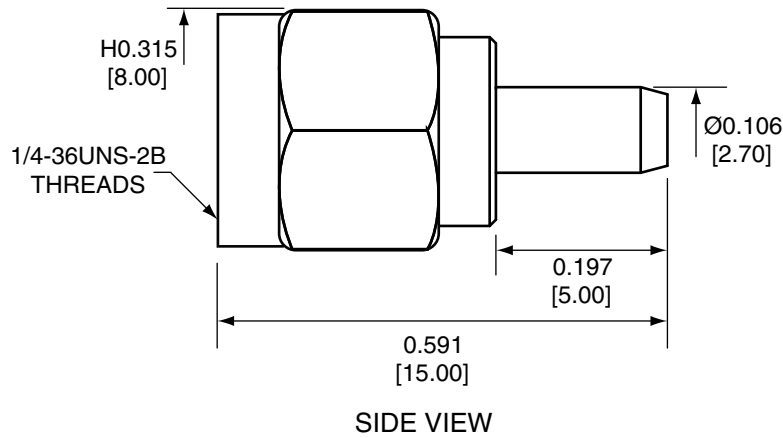


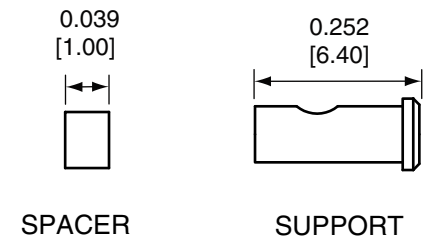
Description	Material	Finish
Body	Brass	Nickel
Pin	Be Cu	Gold
Insulation	PTFE	N/A
Spacer	PTFE	N/A
Gasket	Si Rubber	N/A
Support	Be Cu	Gold
Heat Shrink	Polyolefin	Black



RECOMMENDED CABLE STRIPPING DIMENSIONS

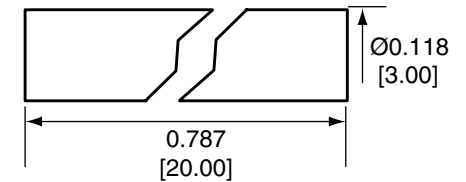


PIN



SPACER

SUPPORT



HEAT SHRINK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
B	Updated footprint and dimensions; Added new title block	2-JUL-12	SAH
C	Updated stripping dimensions; Added dimensions to spacer and support	12-JUN-13	SAH


CONSMSA007-R178 ASSEMBLY INSTRUCTIONS


- Strip cable to recommended dimensions.
- Slip heat shrink onto cable.
- Solder support onto the braid.
- Place the spacer onto the center conductor.
- Solder or crimp the pin onto the center conductor.
- Insert the pin, center conductor, spacer and support into the body until the top of the socket is even with the threaded opening in the body.
- Crimp the tail of the body onto the support with a 0.093" hex crimp tool (or one labeled for use with RG-178 cable).
- Use heat shrink to cover crimp.

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: 2-JUL-12
	ENGR: S.HOGAN	DT: 2-JUL-12

		159 ORT LANE MERLIN, OR 97532	
TITLE: SMA MALE CABLE END CRIMP FOR RG-178 CABLE			
SIZE <b>A</b>	DWG. NO. CONSMSA007-R178	REV <b>C</b>	
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1	

# Mouser Electronics

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