

## Excellent Integrated System Limited

Stocking Distributor

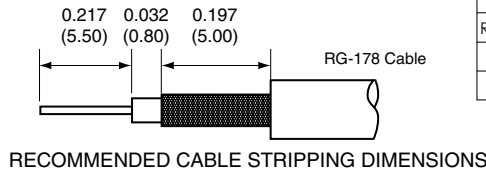
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Linx Technologies](#)  
[CONSMA014-R178](#)

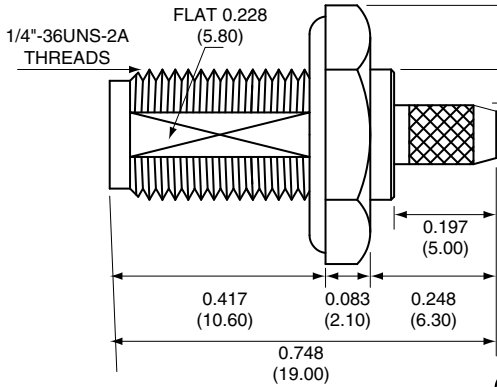
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

Description	Material	Finish
Body	Brass	Nickel
Socket	BE CU	Gold
Insulation	PTFE	N/A
O Ring	SI Rubber	Rubber
Washer	Brass	Nickel
Nut	Brass	Nickel
Spacer	PTFE	N/A
Support	Brass	Nickel
Heat Shrink	Polyolefin	Black



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	Add heat shrink, new frame, revised stripping instruct./dims	4/21/10	CJ
B	Updated footprint and dimensions; Added new title block	10-JUL-12	BPM



CON SMA014-R178 ASSEMBLY INSTRUCTIONS

- Strip the cable to the recommended dimensions.
- Slide the coax into the support until the outside insulation bottoms out against the inside shoulder of the support.
- Solder the support onto the braid.
- Place the spacer onto the center conductor.
- Solder or crimp the socket onto the center conductor.
- Insert the socket, center conductor, spacer, and support into the body until the top of the socket is even with the white insulation in the body.
- Crimp the tail of the body onto the support with a 0.093" hex crimp tool.

O-RING

0.055 (1.40)

Ø0.236 (6.00)

Ø0.358 (9.10)

0.065 [1.65]

0.234 [6.00]

Ø0.256 [6.50]

0.020 [0.50]

0.020 [0.50]

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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:	PROJECTION:
	.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]	
FINISH:	DRAWN: B.MURPHY DT: 10-JUL-12	ANGLES: ± 1°
	ENGR: S.HOGAN DT: 10-JUL-12	

		159 ORT LANE	
		MERLIN, OR 97532	
TITLE: SMA FEMALE BULKHEAD MOUNT CABLE END CRIMP WITH O-RING FOR RG178 CABLE			
SIZE	DWG. NO.	REV	
A	CON SMA014-R178	B	
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1	