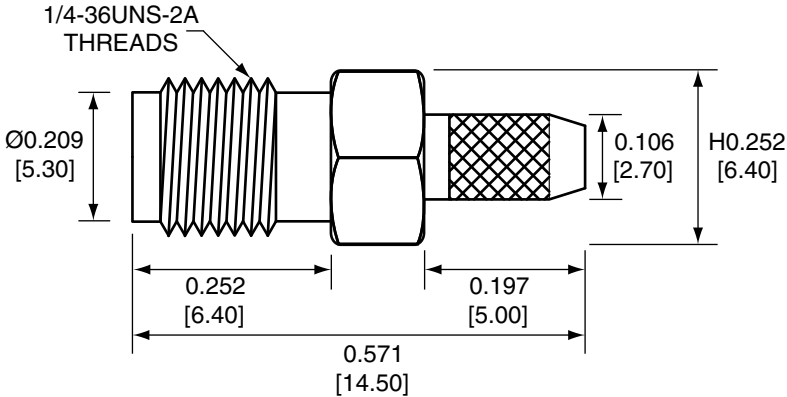
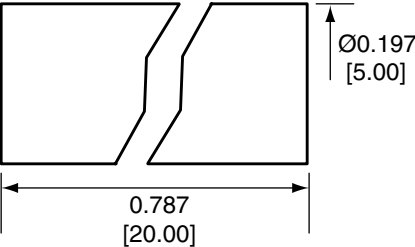
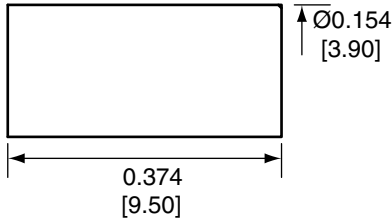
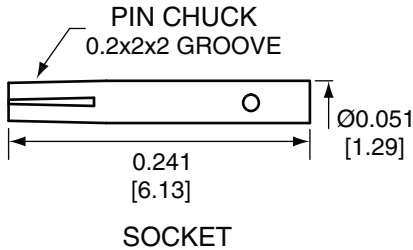


| Description | Material   | Finish |
|-------------|------------|--------|
| Body        | Brass      | Nickel |
| Socket      | BE CU      | Gold   |
| Insulation  | PTFE       | N/A    |
| Gasket      | SI Rubber  | Rubber |
| Crimp Ring  | Brass      | Nickel |
| Heat Shrink | Polyolefin | Black  |

| REVISIONS |   |          |      |
|-----------|---|----------|------|
| REV       | DESCRIPTION   | DATE     | APPV |
| B         | Updated footprint and dimensions; Added new title block | 2-JUL-12 | SAH  |



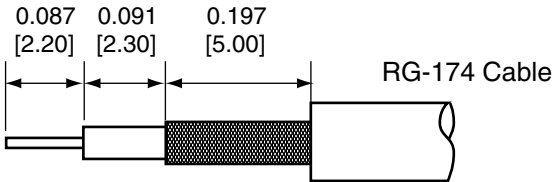
SIDE VIEW




### CONSMA011 ASSEMBLY INSTRUCTIONS


- Strip cable to recommended dimensions.
- Slip heat shrink and crimp ring onto stripped cable.
- Solder the socket to the center conductor.
- Insert the socket, center conductor, and insulator into the body until the end of the socket is even with the white insulation in 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.

- 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.



RECOMMENDED CABLE STRIPPING DIMENSIONS

|  |   |              |  |
|--|---|--------------|--|
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| MATERIAL:  | TOLERANCES:   |              | PROJECTION   |
|  | .020 [0.50]-.200 [5.00]= ±.008 [0.20]<br>.200 [5.00]-1.200 [30.00]= ±.016 [0.40]<br>1.20 [30.0]-4.75 [120.0]= ±.024 [0.60]<br>4.75 [120.0]-12.40 [315.0]= ±.040 [1.0] |              | <br>ANGLES: ±1° |
| FINISH:  | DRAWN: B.MURPHY   | DT: 2-JUL-12 |  |
|  | ENGR: S.HOGAN   | DT: 2-JUL-12 |  |

|   |           |                                  |              |
|---|-----------|----------------------------------|--------------|
|  |           | 159 ORT LANE<br>MERLIN, OR 97532 |              |
| TITLE:  |           |                                  |              |
| SMA FEMALE CABLE END CRIMP<br>FOR RG-174 CABLE  |           |                                  |              |
| SIZE  | DWG. NO.  |                                  | REV          |
| A   | CONSMA011 |                                  | B            |
| SCALE: 2:1  |           | DO NOT SCALE DRAWING             | SHEET 1 OF 1 |

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