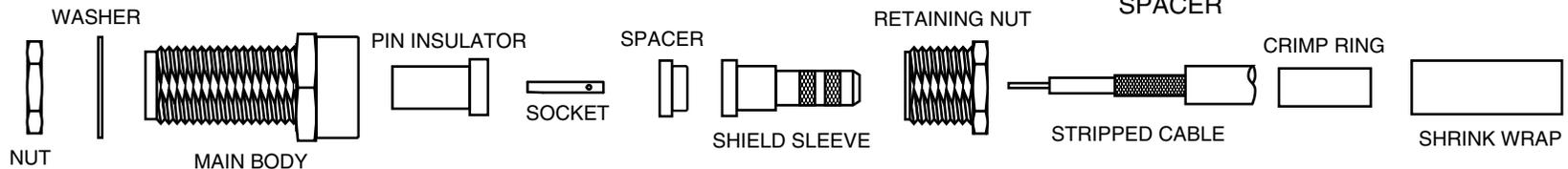
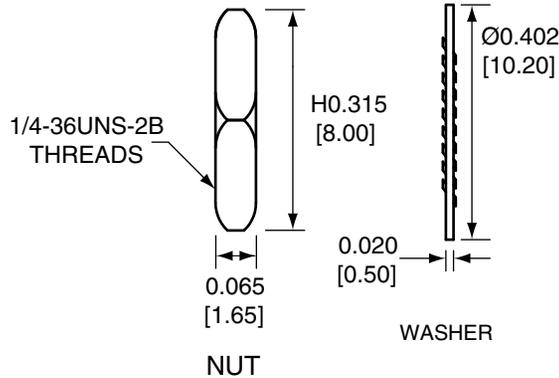
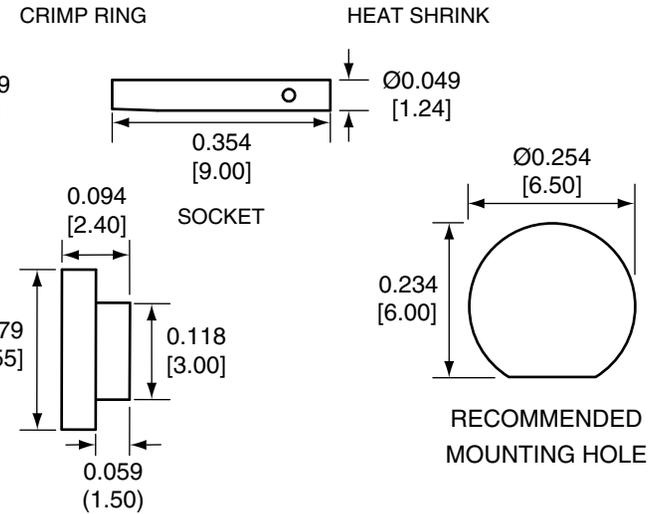
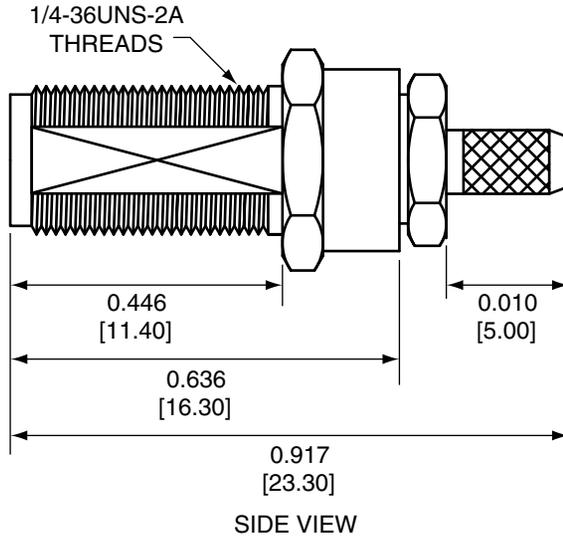
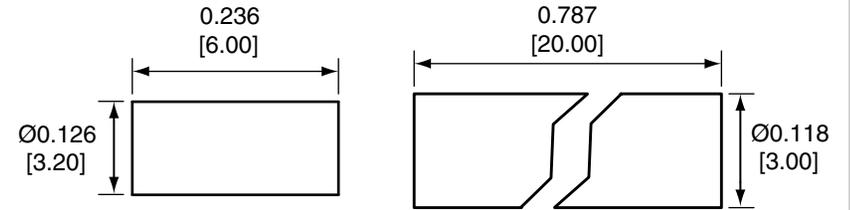
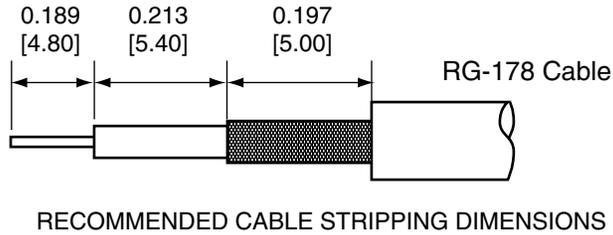


| Description | Material | Finish |
|---------------|------------|--------|
| Body | Brass | Nickel |
| Socket | BE CU | Gold |
| Pin Insulator | PTFE | N/A |
| Washer | Brass | Nickel |
| Nut | Brass | Nickel |
| Spacer | PTFE | N/A |
| Shield Sleeve | Brass | Nickel |
| Retaining Nut | Brass | Nickel |
| 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 |



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: |
| FINISH: | DRAWN: B.MURPHY | DT: 29-JUN-12 |
| | ENGR: | 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 | |