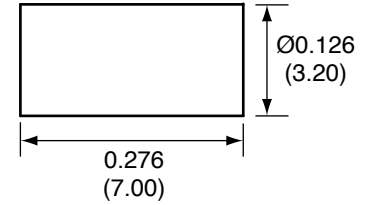
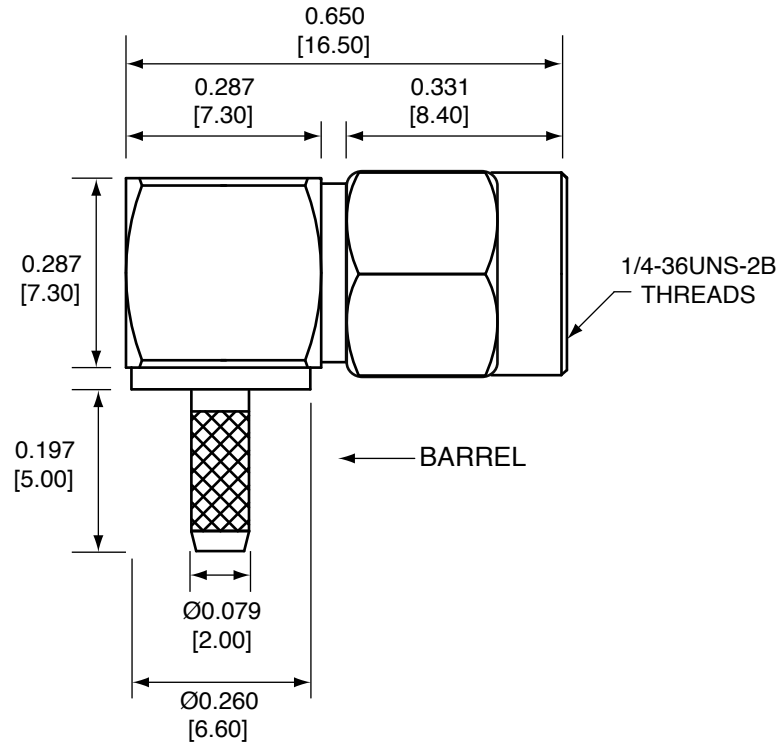
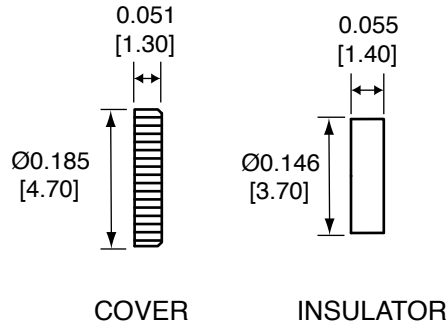
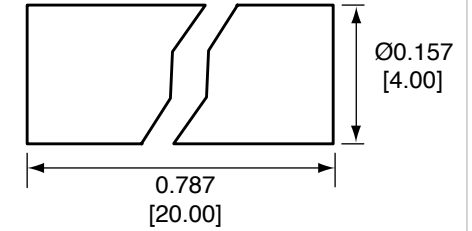


| Description | Material | Finish |
|-------------|------------|--------|
| Body | Brass | Nickel |
| Socket | BE CU | Gold |
| Insulation | PTFE | N/A |
| Washer | PH Bronze | Nickel |
| Gasket | SI Rubber | Rubber |
| Crimp Ring | Brass | Nickel |
| Insulator | PTFE | N/A |
| Cover | Brass | Nickel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

| REVISIONS | | | |
|-----------|---|----------|------|
| REV | DESCRIPTION | DATE | APPV |
| B | Changed crimp ring dimensions; added heat shrink, new title block and assembly instructions | 2-JUL-12 | SAH |



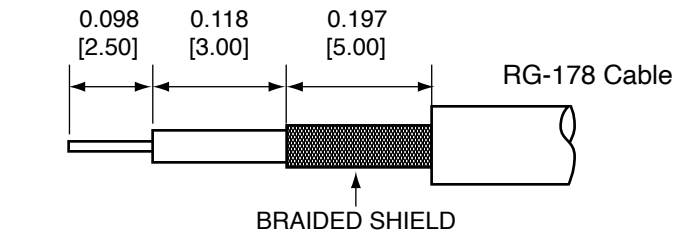
CRIMP RING



HEAT SHRINK

CONREV SMA012-R178 ASSEMBLY INSTRUCTIONS

1. Strip the cable to the recommended dimensions.
2. Slip heat shrink and crimp ring onto stripped cable.
3. Slide the cable into the body until the center conductor is centered in the fork.
4. Push the braided shield over the barrel.
5. Solder the center conductor into the center of the fork.
6. Slide the crimp ring over the shield and crimp with a 0.100" hex crimp tool.
7. Trim off any excess shield wire sticking out from the ring.
8. Slip the heat shrink over the crimp ring until it is against the body and shrink.
9. Insert insulator into body.
10. Push the cover into the opening.



RECOMMENDED CABLE STRIPPING DIMENSIONS

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.

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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 |



| | | |
|--|--------------------------------|-----------------|
| TITLE: RP-SMA MALE RIGHT ANGLE CABLE END CRIMP FOR RG178 CABLE | | |
| SIZE A | DWG. NO. CONREV SMA012-R178 | REV B |
| SCALE: 2:1 | DO NOT SCALE DRAWING | SHEET 1 OF 1 |