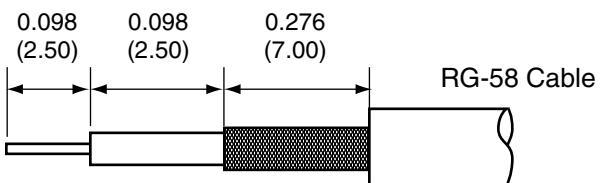
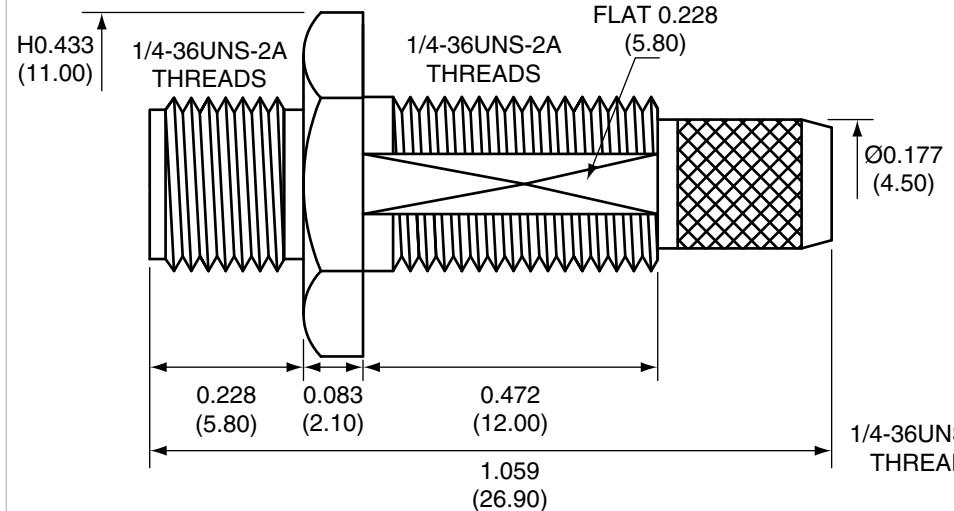


| Description | Material | Finish |
|-------------|------------|--------|
| Body | Brass | Nickel |
| Socket | BE CU | Gold |
| Insulation | PTFE | N/A |
| O-Ring | SI Rubber | Rubber |
| Crimp ring | Brass | Nickel |
| Washer | Brass | Nickel |
| Nut | Brass | Nickel |
| Heat Shrink | Polyolefin | Black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

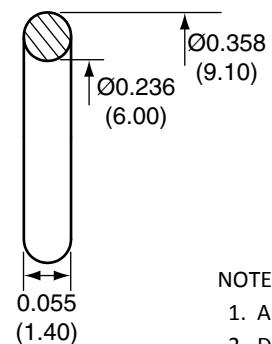


RECOMMENDED CABLE STRIPPING DIMENSIONS

| REVISIONS | | | |
|-----------|---|-----------|------|
| REV | DESCRIPTION | DATE | APPV |
| B | Updated dimensions; Added new title block | 10-JUL-12 | BPM |



SIDE VIEW



O-RING

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.

CONSMA014-R58 ASSEMBLY INSTRUCTIONS

1. Strip the cable to recommended dimensions.
2. Slip heat shrink and crimp ring onto stripped cable.
3. Insert o-ring into groove in the nut on body.
4. Solder the socket to the center conductor.
5. Insert the socket, center conductor, and insulation into the body.
6. Wrap the braid around the tail of the body and crimp the ring with 0.213" hex crimp tool (or one labeled for use with RG-58 cable).
7. Use heat shrink to cover crimp.
8. Use the nut and washer to secure the connector to a case. (2.50mm maximum wall thickness)

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MATERIAL: TOLERANCES:

.020 [0.50]-.200 [5.00]=±.008 [0.20]
.200 [5.00]-1.200 [30.0]=±.016 [0.40]

PROJECTION:

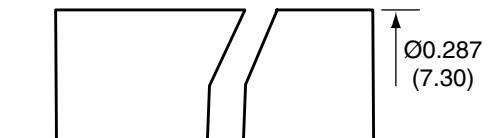
1.20 [30.0]-4.75 [120.0]=±.024 [0.60]
4.75 [120.0]-12.40 [315.0]=±.040 [1.0]

ANGLES: ±1°

FINISH:

DRAWN: B.MURPHY DT: 10-JUL-12

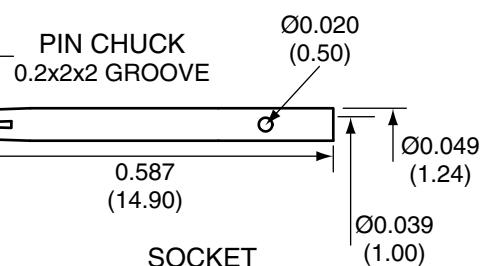
ENGR: S.HOGAN DT: 10-JUL-12



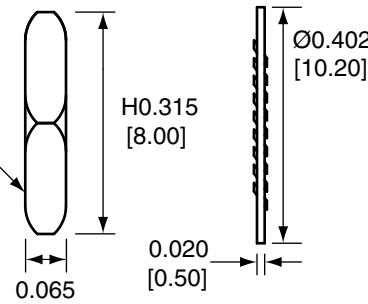
HEAT SHRINK



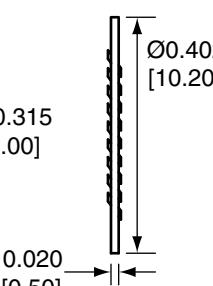
CRIMP RING



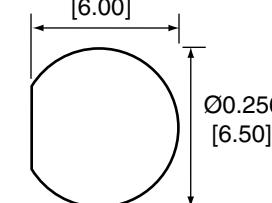
SOCKET



NUT



WASHER



RECOMMENDED MOUNTING HOLE

Linx

159 ORT LANE
MERLIN, OR 97532

TITLE:

SMA FEMALE BULKHEAD MOUNT CABLE
END CRIMP WITH O-RING FOR RG58 CABLE

SIZE DWG. NO.

CONSMA015-R58

REV B

A

DO NOT SCALE DRAWING

SHEET 1 OF 1

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