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

0.051
[1.30]

0.055
[1.40]

Ø0.185
[4.70]

COVER

Ø0.146
[3.70]

INSULATOR

0.650
[16.50]

0.287
[7.30]

0.331
[8.40]

0.287
[7.30]

1/4-36UNS-2B
THREADS

0.276
[7.00]

BARREL

Ø0.124
[3.15]

Ø0.177
[4.50]

Ø0.260
[6.60]

SIDE VIEW

Ø0.256
[6.50]

0.500
[12.70]

CRIMP RING

Ø0.287
[7.30]

0.984
[25.00]
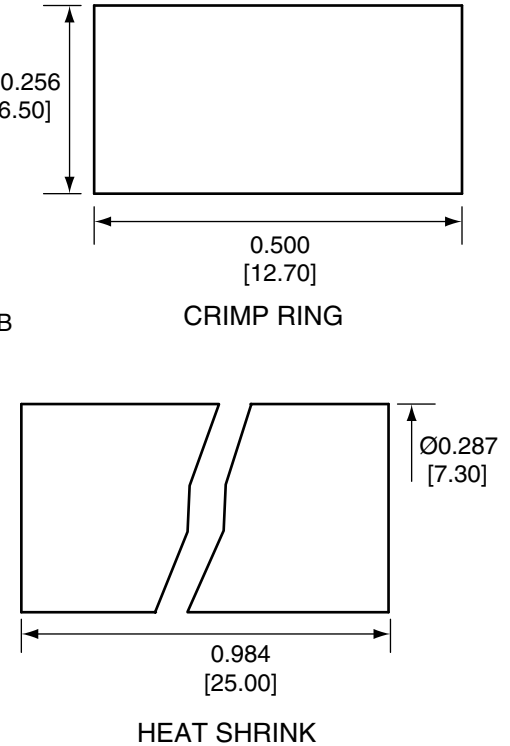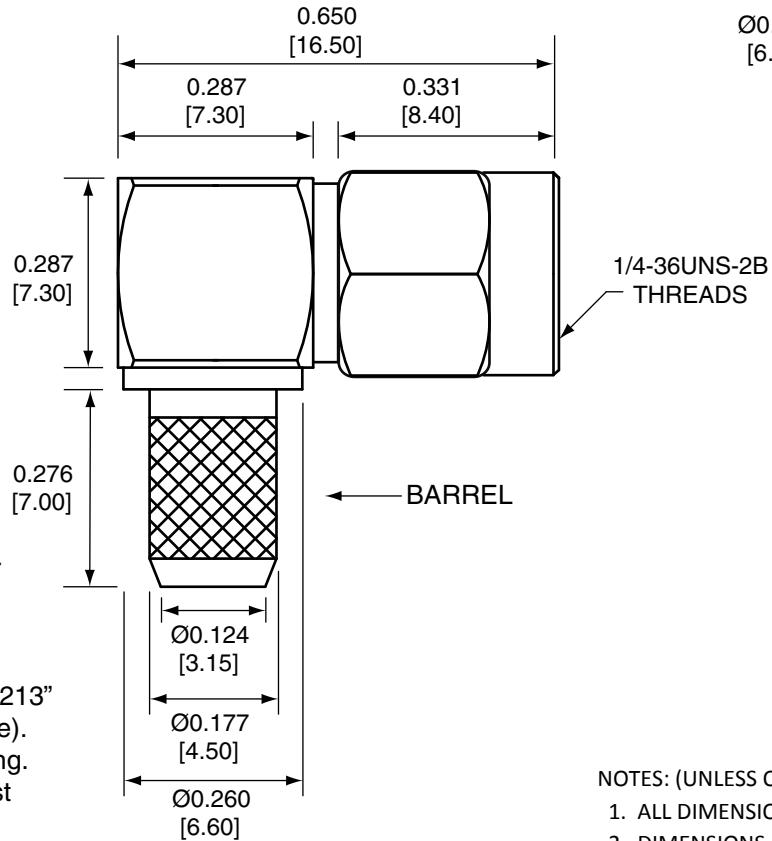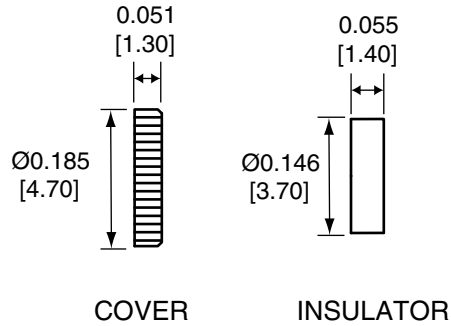
HEAT SHRINK

CONSMA012-R58 ASSEMBLY INSTRUCTIONS
1. Strip cable to recommended dimensions.
2. Slip heat shrink and crimp ring onto stripped cable.
2. Slide the cable into the body until the center conductor is centered in the fork.
3. Push the braided shield over the barrel.
4. Solder the center conductor into the center of the fork.
5. Slide the crimp ring over the shield and crimp with a 0.213" hex crimp tool (or one labeled for use with RG-58 cable).
6. Trim off any excess shield wire sticking out from the ring.
7. Slip the heat shrink over the crimp ring until it is against the body and shrink.
8. Insert insulator into body.
9. Push the cover into the opening.
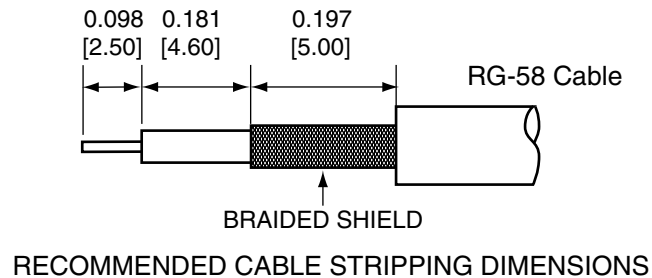
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE IN INCHES [mm].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.

0.098
[2.50]

0.181
[4.60]

0.197
[5.00]

RG-58 Cable

BRAIDED SHIELD

RECOMMENDED CABLE STRIPPING DIMENSIONS

LinX
159 ORT LANE
MERLIN, OR 97532

TITLE:
SMA MALE RIGHT ANGLE
CABLE END CRIMP FOR RG58 CABLE

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: ANGLES: ±1°

| FINISH: | SIZE A | DWG. NO. CONSMA012-R58 | REV B |

DRAWN: B.MURPHY	DT: 2-JUL-12
ENGR: S.HOGAN	DT: 2-JUL-12
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1

LDCFDLT_A

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