Description	Material	Finish
Body	Brass	Nickel
Socket	BE CU	Gold
Insulation	Teflon	Teflon
O Ring	Si Rubber	Rubber
Washer	Brass	Nickel
Nut	Brass	Nickel
Spacer	Teflon	Teflon
Support	Brass	Nickel
Heat Shrink	Polyolefin	Black

RECOMMENDED MOUNTING HOLE
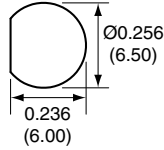
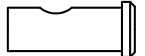Ø0.256 (6.50)
0.236 (6.00)

SOCKET

PIN CHUCK 0.2x2x2 GROOVE
Ø0.020 (0.50)
0.354 (9.00)
Ø0.016 (0.40)
Ø0.049 (1.24)
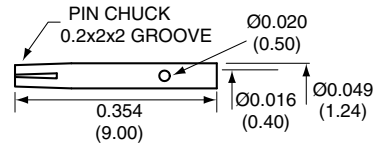
SPACER

SUPPORT

SIDE VIEW

1/4"-36UNS-2A THREADS
FLAT 0.228 (5.80)
H0.433 (11.00)
Ø0.236 (6.00)
Ø0.102 (2.60)
0.197 (5.00)
0.417 (10.60)
0.083 (2.10)
0.248 (6.30)
0.748 (19.00)

BACK VIEW

FLAT 0.228 (5.80)
0.433 (11.00)

HEAT SHRINK

Ø0.118 (3.00)
0.787 (20.00)

WASHER

Ø0.402 (10.20)
0.020 (0.50)

NUT

H0.315 (8.00)
1/4-36UNS-2B THREADS
0.065 (1.65)
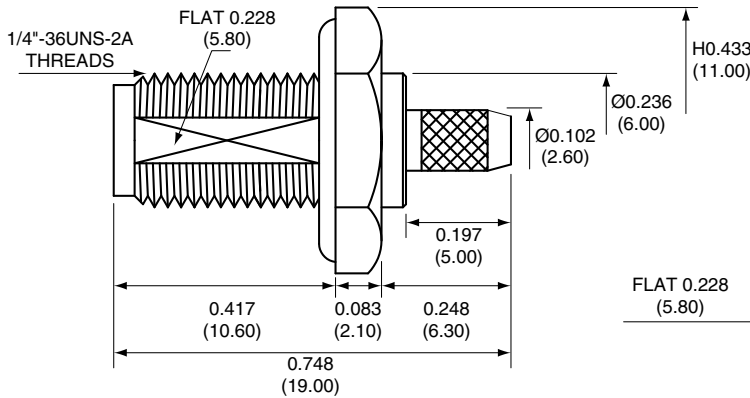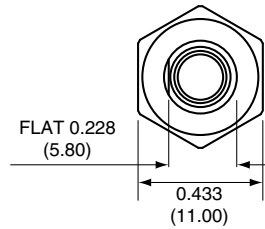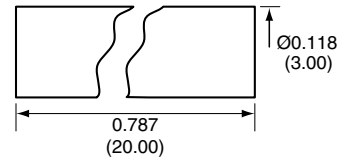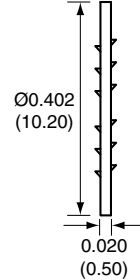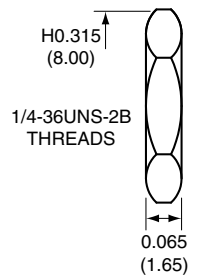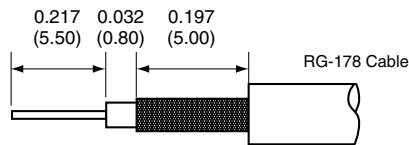
CONSMA014-R178 ASSEMBLY INSTRUCTIONS
1. Strip the cable to the recommended dimensions.
2. Slide the coax into the support until the outside insulation bottoms out against the inside shoulder of the support.
3. Solder the support onto the braid.
4. Place the spacer onto the center conductor.
5. Solder or crimp the socket onto the center conductor.
6. Insert the socket, center conductor, spacer, and support into the body until the top of the socket is even with the white insulation in the body.
7. Crimp the tail of the body onto the support with a 0.093" hex crimp tool.

RECOMMENDED CABLE STRIPPING DIMENSIONS
0.217 (5.50)
0.032 (0.80)
0.197 (5.00)
RG-178 Cable

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.

CONNECTOR CITY
THE VALUE OF CONNECTIONS
159 ORT LANE
MERLIN, OR 97532

TITLE:
SMA FEMALE BULKHEAD MOUNT CABLE END CRIMP WITH O-RING FOR RG178 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]
ANGLES: ±1°

PROJECTION:

FINISH:

DRAWN: CJ
DT: 4/21/10
ENGR:
DT:

SIZE A
DWG. NO. CONSMA014-R178
REV A

SCALE: 2:1
DO NOT SCALE DRAWING
SHEET 1 OF 1

LDCFDCC_A