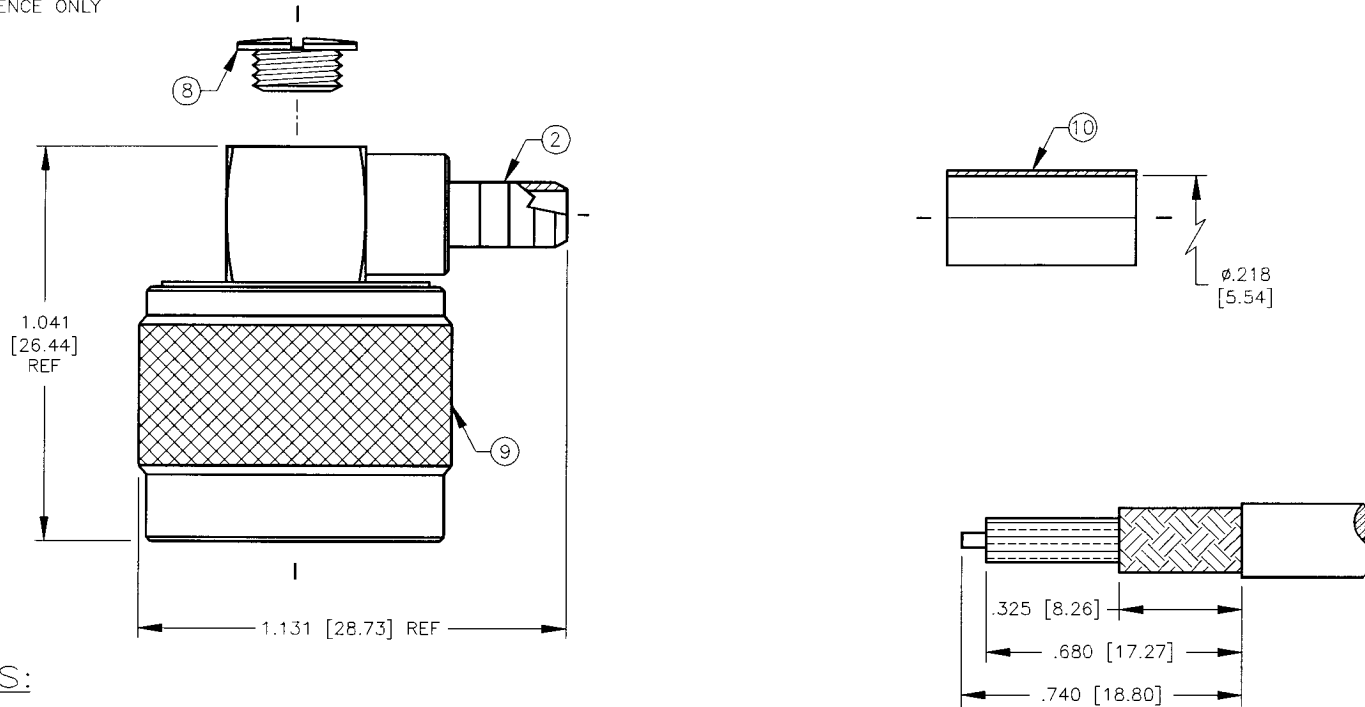


ENVELOPE / ASSEMBLY DRAWING

000712

| | | | | | |
|---|-----|---------------------|-----|---------|----------|
| SPECIFICATION CONTROL DRAWING THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES, LTD. ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED. ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS. | REV | DESCRIPTION | DWN | DATE | APPROVED |
| | A | ENGINEERING RELEASE | CZS | 5/27/99 | R. RICE |

ALL DIMENSIONS ARE REFERENCE ONLY



SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 WORKING VOLTAGE: 1000 VRMS @ SEA LEVEL
 FREQUENCY RANGE: 0-11 GHz
 INSERTION LOSS: ≤ -0.2 dB @ 10 GHz
 VSWR MAX: 1.3:1 @ 9 GHz
 FOR RG-58, 58A, 58C, 141, 141A, BELDEN 8240,
 8262, 9201, 9203, 9310, 9311 & COMM/SCOPE 0268
 INTERFACE PER MIL-STD-348, SECTION 304.1

SUGGESTED STRIPPING INSTRUCTIONS

SUGGESTED CRIMP DIE: .213
 CABLE IS SOLDERED TO CONTACT

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:
DECIMALS DIAMETER

DRAWN C. ZUNIGA 5/27/99
 CHECKED *J. Zuniga* 5/27/99
 OR DRAWN C. ZUNIGA 5/27/99

APPROVALS DATE

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD
 SAN DIEGO, CA 92126
 (619)549-6340
 (619)549-6345 FAX

RFN-1009-C-03

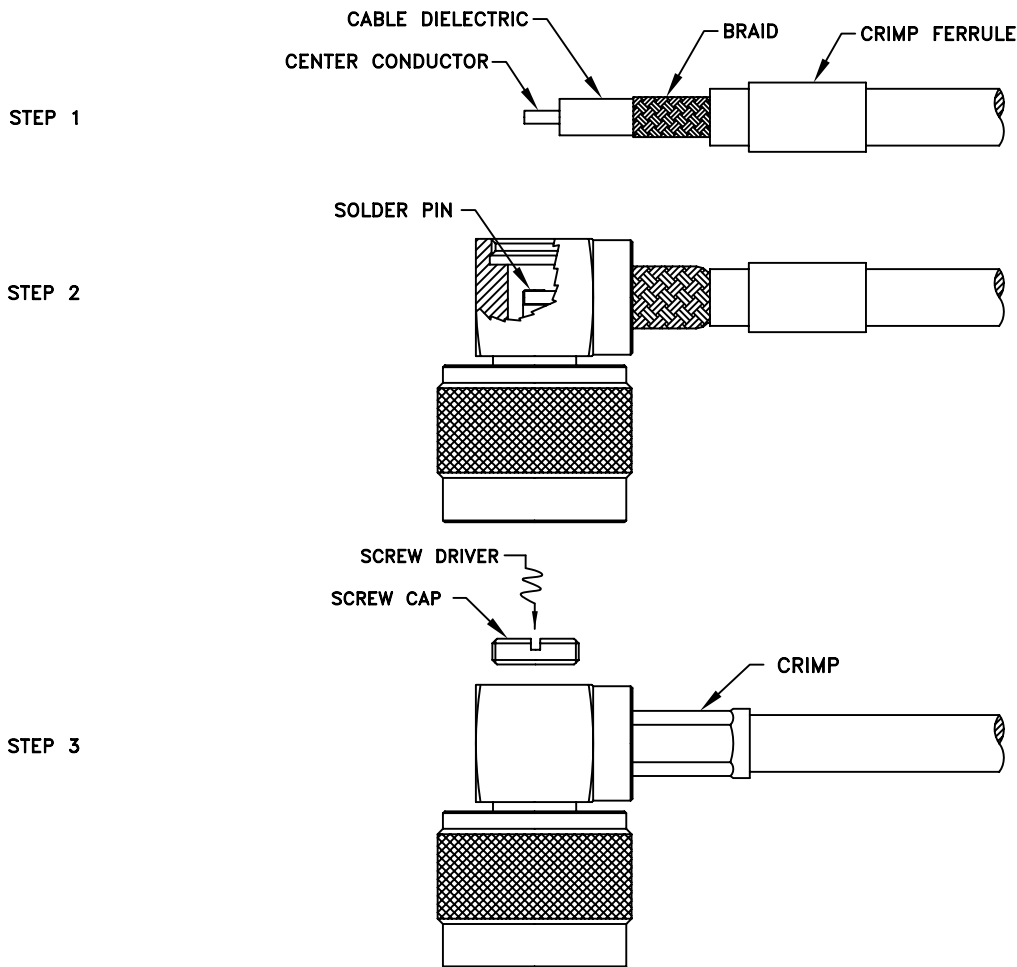
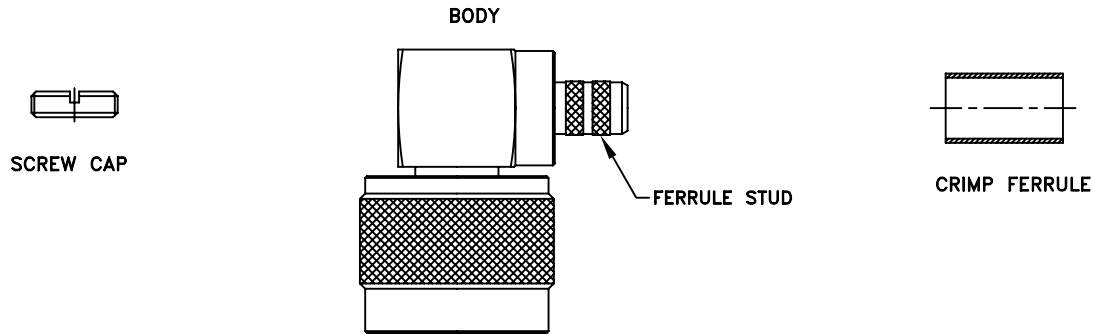
N MALE RIGHT ANGLE CRIMP

| ITEM | DESCRIPTION | QTY | MATERIAL | FINISH |
|------|--------------------|-----|-------------|--------|
| 10 | FERRULE | 1 | BRASS | NICKEL |
| 9 | SHELL | 1 | BRASS | NICKEL |
| 8 | SCREW CAP | 1 | BRASS | NICKEL |
| 7 | RETAINING RING | 1 | BeCu | NONE |
| 6 | GASKET | 1 | S.I. RUBBER | RED |
| 5 | PRESS FIT GND RING | 1 | BRASS | NICKEL |
| 4 | DIELECTRIC | 1 | TEFLON | NONE |
| 3 | PIN | 1 | BeCu | GOLD |
| 2 | BODY | 1 | BRASS | NICKEL |
| 1 | BODY | 1 | BRASS | NICKEL |

| | | | |
|------------|------------------|--------------|-----|
| SIZE | CABLE GROUP | DWG NO. | REV |
| A | C | 9174 | A |
| SCALE: 2:1 | CAD FILE 13ARC B | SHEET 1 OF 1 | |

CABLE ASSEMBLY INSTRUCTIONS

RFN-1009-C-03



- Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on envelope/outline drawing. All cuts are to be clean and square. Do not nick braid or center conductor when cutting. Slide ferrule over cable. If using strain relief or heat shrink tubing slide onto cable first.
- Step 2: Slide ferrule stud under braid, while inserting the cable into the body. Solder cable center conductor to center contact using minimum amount of heat. Cable center conductor should not extend past outer diameter of connector contact.
- Step 3: Slide the crimp ferrule over the braid until it yields against the back of the connector. Crimp the ferrule with crimp tool as specified on connector drawing. Trim any extra braid extending out of ferrule end. Tighten "screw cap" with flat head screw driver.

RFN-1009-C-03 AP.DWG

RF CONNECTORS

9/13/10

7610 Miramar Road, San Diego, CA 92126-4202 - (858) 549-6340
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JDM