

ENVELOPE / ASSEMBLY DRAWING

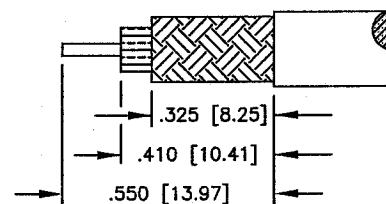
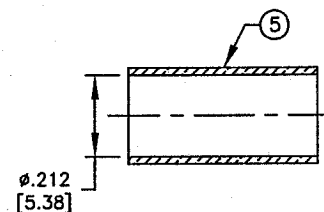
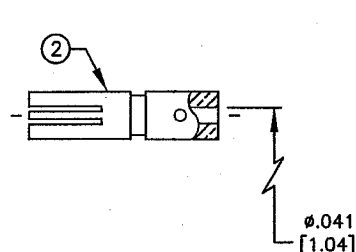
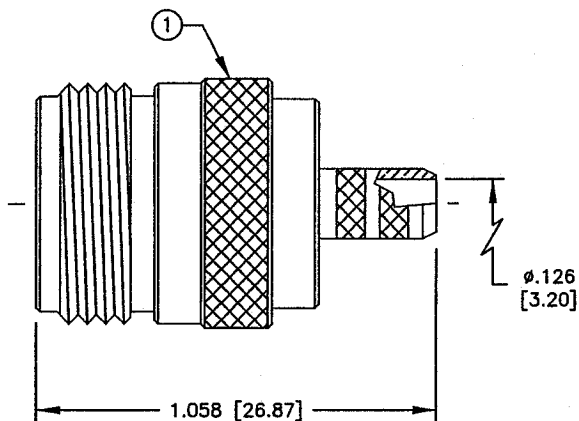
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SPECIFICATION CONTROL DRAWING

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REV	DESCRIPTION	DWN	DATE	APPROVED
D	CHG DIE ID ITEM #3 & CONTACT CONFIGURATION ITEM #2	CZS	1/29/98	R. RICE
E	CHG FER STUD & DIE ID/ CONT BARB REMOVED/ CORRECT DIM	CZS	12/15/98	R. RICE
F	CHANGE FER STUD ID	CZS	10/20/99	R. RICE
G	CHANGE FERRULE & FERRULE STUD CONFIGURATION	CZS	4/25/00	J. D. McR.

ALL DIMENSIONS ARE REFERENCE ONLY



SUGGESTED STRIPPING INSTRUCTIONS

SUGGESTED CRIMP DIES: .100 & .213

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,
 8259, 8262, 9201, 9203, 9310, 9311 & COMM/SCOPE 0268
 INTERFACE PER MIL-STD-348, SECTION 304.2

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:
DECIMALS DIAMETER

RF connectors
DIVISION OF RF INDUSTRIES, LTD.

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RFN-1027

N FEMALE CRIMP

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
5	FERRULE	1	BRASS	SILVER
4	PRESS FIT GND RING	1	BRASS	SILVER
3	DIELECTRIC	1	TEFLON	NONE
2	CONTACT	1	BRASS	GOLD
1	BODY	1	BRASS	SILVER

DRAWN	C. ZUNIGA	4/25/00
CHECKED	<i>[Signature]</i>	4-25-00
ORJ DRAWN	P. BREAUX	6/10/92
APPROVALS		DATE

SIZE	A	CABLE GROUP	C	DWG NO.	7772	REV	G
SCALE:	2:1	CAD FILE		SHEET 1 OF 1			

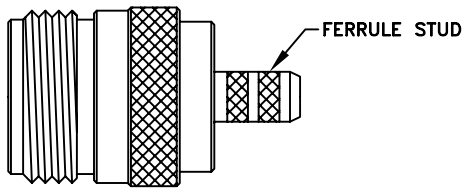
CABLE ASSEMBLY INSTRUCTIONS

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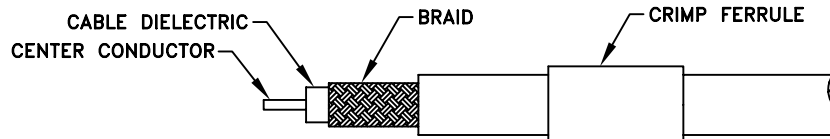
BODY

CONTACT

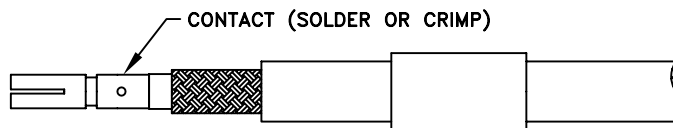
CRIMP FERRULE



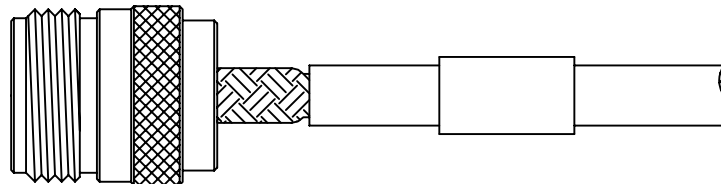
STEP 1



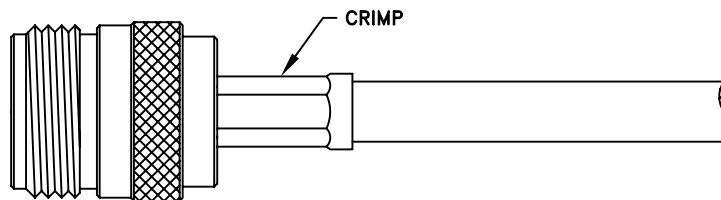
STEP 2



STEP 3



STEP 4



- Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on 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 contact onto center conductor until it yields against the cable dielectric. Solder or crimp contact in place. If soldering apply minimum amount of heat not to melt the cable dielectric when using low density PTFE.
- Step 3: Slide ferrule stud under braid, while inserting the contact into the body. The contact will snap into place within the dielectric.
- Step 4: Slide the 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 against the back of the connector.

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RF CONNECTORS

05/06/06

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