

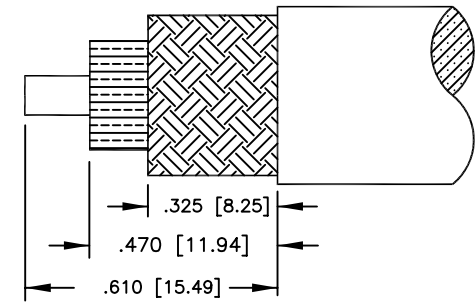
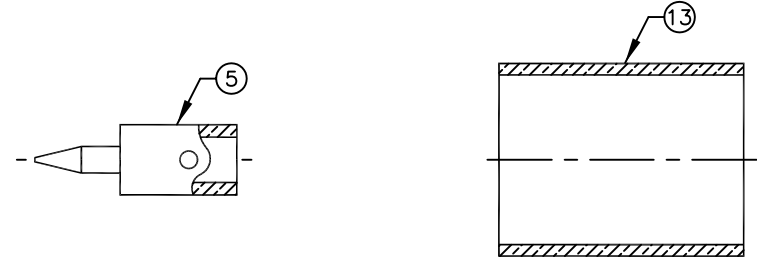
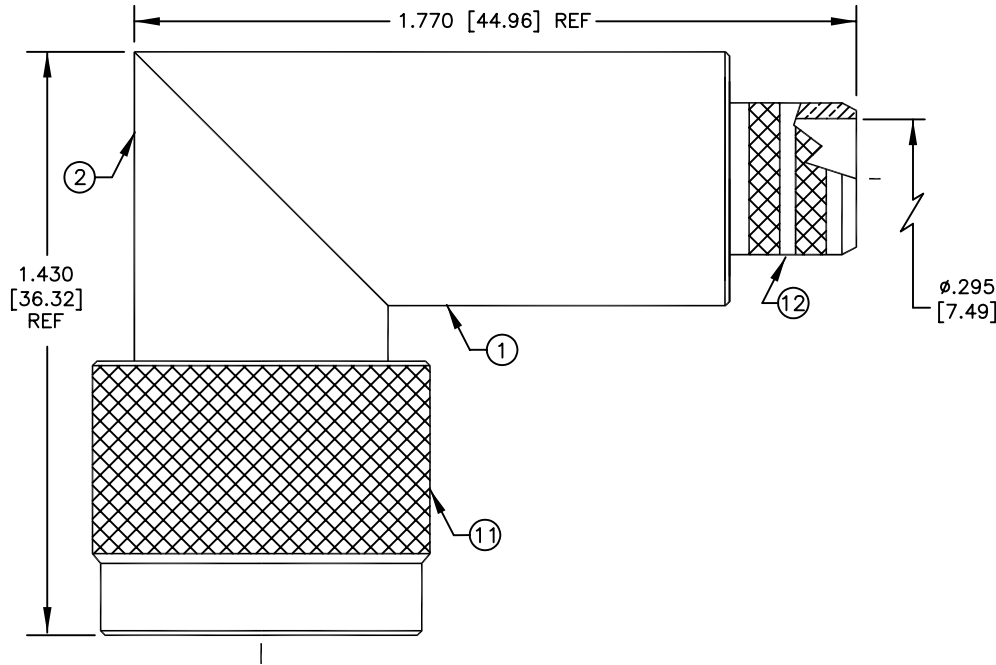
SPECIFICATION CONTROL DRAWING

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REV	DESCRIPTION	DWN	DATE	APPROVED
J	CHG BODY ID ITEMS #1 & 2 / MODIFY PIN & CONTACT OD ITEMS #3 & 4	CZS	12/31/97	R. RICE
K	CHG SHELL & BODY DIM TO STANDARDIZE / CHG DIE OD ITEM #7	CZS	12/3/98	R. RICE
L	CHANGE FERRULE STUD TO KNURL	CZS	3/7/00	J. D. McR.
M	UPDATED CABLE GROUP LIST	CZS	8/8/06	J. D. McR.

ALL DIMENSIONS ARE REFERENCE ONLY

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SUGGESTED STRIPPING INSTRUCTIONS
SUGGESTED CRIMP DIE: .429"
PIN TO BE SOLDERED

IMPEDANCE: 50 OHMS
WORKING VOLTAGE: 1000 VRMS @ SEA LEVEL
FREQUENCY RANGE: 0-11 GHz
INSERTION LOSS: ≤ -.3dB @ 10 GHz
VSWR MAX: 1.5:1 @ 9 GHz
FOR BELDEN 8214, 9913, 9913F, 9914, CAROL C1180,
TIMES AA-5886 & LMR-400 CABLE
INTERFACE PER MIL-STD-348, SECTION 304.1

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
13	FERRULE [FER-205]	1	BRASS	SILVER
12	FERRULE STUD	1	BRASS	SILVER
11	SHELL	1	BRASS	SILVER
10	RETAINING RING	1	BRASS	SILVER
9	GASKET	1	S.I. RUBBER	RED
8	PRESS FIT GND RING	1	BRASS	SILVER
7	DIELECTRIC	1	TEFLON	NONE
6	DIELECTRIC	1	TEFLON	NONE
5	PIN	1	BRASS	GOLD
4	CONTACT	1	BRASS	GOLD
3	PIN	1	BRASS	GOLD
2	BODY	1	BRASS	SILVER
1	BODY	1	BRASS	SILVER

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DRAWN C. ZUNIGA	8/8/06
CHECKED	
ORJ DRAWN K. MAXWELL	6/22/93

RF

connectors

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RFN-1009-31

N MALE RIGHT ANGLE CRIMP

SIZE A	CABLE GROUP I	DWG NO. 8146	REV M
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