

ENVELOPE / ASSEMBLY DRAWING

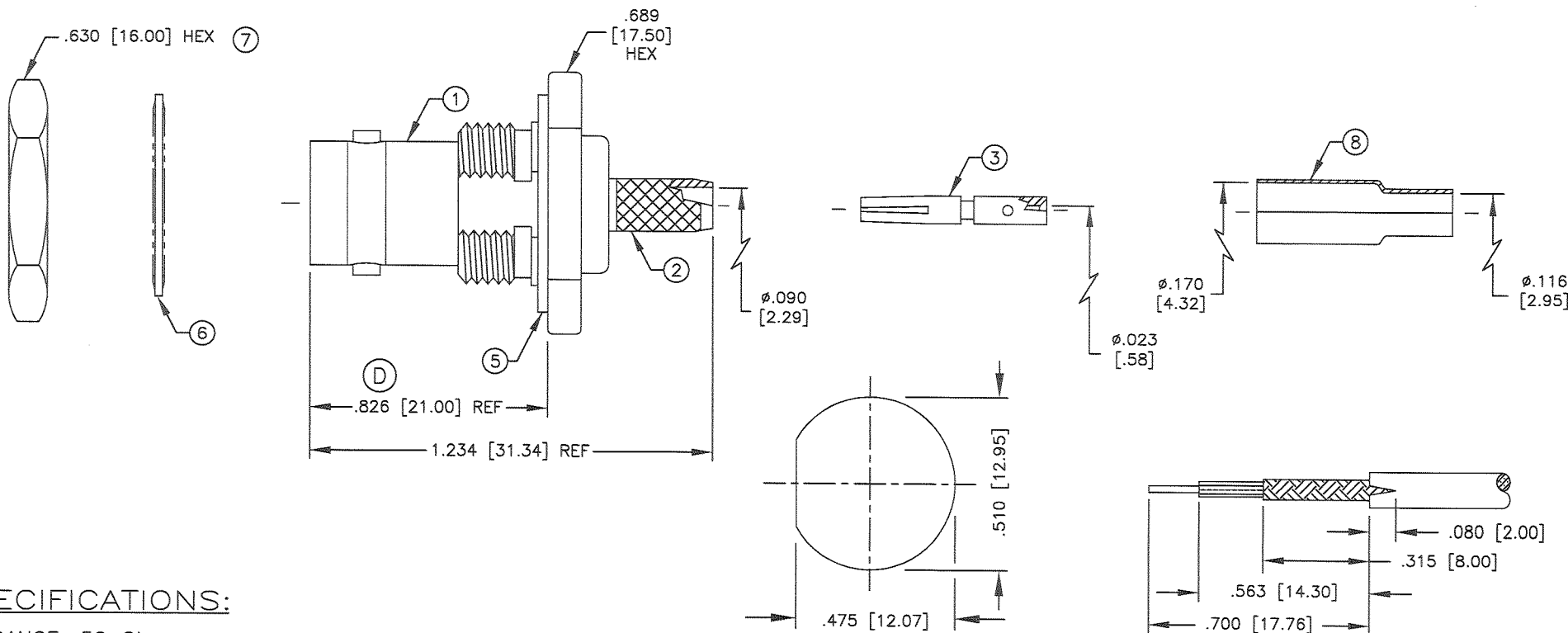
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SPECIFICATION CONTROL DRAWING

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REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	8/4/98	R. RICE
B	CONNECTOR NOW WILL ACCEPT MAX PANEL THICKNESS OF .200	CZS	9/3/98	R. RICE
C	REMOVED 83284 FROM APPROVED CABLE LIST	JDMc	2/1/06	R. RICE
D	.762" DIM CHANGED TO .826" / CHANGED CBL STRIP DIM. SEE REV C	JDMc	3/8/11	JDM

ALL DIMENSIONS ARE REFERENCE ONLY



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 WORKING VOLTAGE: 500 VRMS @ SEA LEVEL
 FREQUENCY RANGE: 0-4 GHz
 INSERTION LOSS: ≤ -0.2 dB @ 3 GHz
 VSWR MAX: 1.4:1 @ 3 GHz
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,
 BELDEN 8216, 83269, 84316 & TIMES LMR-100 CABLE
 INTERFACE PER MIL-STD-348A, SECTION 301.2

PANEL MOUNTING CONFIG
 MAXIMUM PANEL THICKNESS: .200 [5.08]

SUGGESTED STRIPPING INSTRUCTIONS
 SUGGESTED CRIMP DIE: .068, .178 & .130

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS DIAMETER
 .XXX±.003 [.08] .XXX±.001 [.03]
 .XX±.005 [.13] .XX±.003 [.08]
 ANGLES: ±1°

DRAWN JDM 3/8/11

CHECKED

ORJ DRAWN C. ZUNIGA 8/4/98

RF connectors
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RFB-1117-BT

BNC FEMALE CRIMP BULKHEAD, REAR MOUNT

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RFB-1117-BT	D

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
8	FERRULE	1	BRASS	NICKEL
7	HEX NUT	1	BRASS	NICKEL
6	LOCK WASHER	1	BRASS	NICKEL
5	GASKET	1	S.I. RUBBER	RED
4	DIELECTRIC	1	TEFLON	NONE
3	CONTACT	1	BRASS	GOLD
2	PRESS-FIT FER STUD	1	BRASS	NICKEL
1	BODY	1	BRASS	NICKEL

APPROVALS DATE SCALE: 1:1 CAD FILE: 13APC.B