

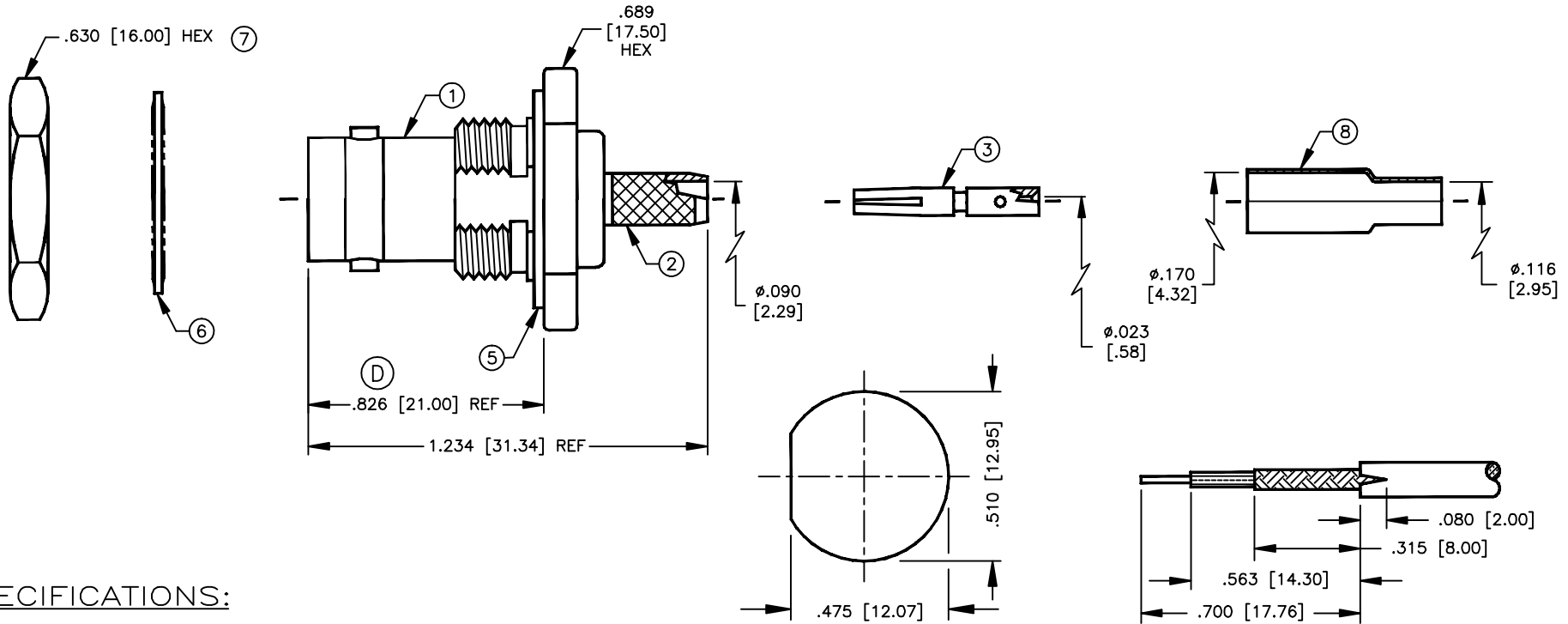
# SPECIFICATION CONTROL DRAWING

REV	DESCRIPTION	DWN	DATE	APPROVED
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
C1	OMITTED CRIMP ON SMALLER FERRULE DIAMETER	JDMc	5/16/13	R. RICE
D	.762" DIM CHANGED TO .826" / CHANGED CBL STRIP DIM. SEE REV C	JDMc	5/17/13	JDM

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ALL DIMENSIONS ARE REFERENCE ONLY

000360



## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 WORKING VOLTAGE: 500 VRMS @ SEA LEVEL  
 FREQUENCY RANGE: 0-4 GHz  
 INSERTION LOSS:  $\leq -2$  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

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	5/17/13
CHECKED	
ORJ DRAWN C. ZUNIGA	8/4/98
APPROVALS	DATE

RFconnectors

DIVISION OF RF INDUSTRIES, LTD.

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## RFB-1117-BT

BNC FEMALE CRIMP BULKHEAD, REAR MOUNT

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	PTFE	NONE
3	CONTACT	1	BRASS	GOLD
2	PRESS-FIT FER STUD	1	BRASS	NICKEL
1	BODY	1	BRASS	NICKEL

SIZE A	CABLE GROUP B	DWG NO. RFB-1117-BT	REV D
SCALE: 2:1		CAD FILE 13ARC B	SHEET 1 OF 1