

SPECIFICATION CONTROL DRAWING

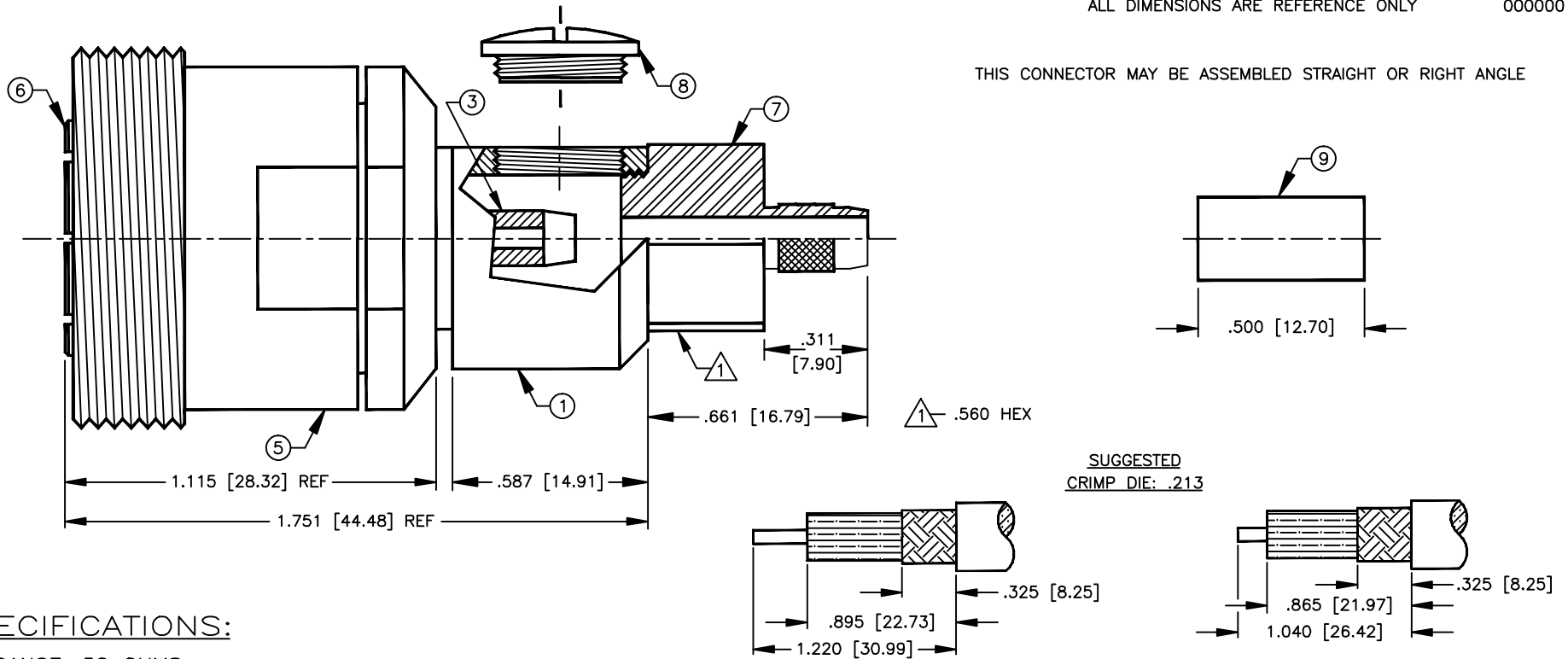
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REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	06/06/06	JDMc
A	UPDATED FERRULE STUD REV.	JDM	1/15/08	JDMc

ALL DIMENSIONS ARE REFERENCE ONLY

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THIS CONNECTOR MAY BE ASSEMBLED STRAIGHT OR RIGHT ANGLE



SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: DC-7.5 GHz
 INSERTION LOSS: $-1 \text{ dB} \sqrt{\text{FREQUENCY GHz}}$
 VSWR: $<1.15:1 @ \text{DC}-2.0 \text{ GHz}$
 3rd ORDER IM $-d\text{Bc}$: $> -150 \text{ dBc}$
 FOR RG-55, 55A, 55B, 142, 142A, 142B, 223 & 400/U,
 ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142
 INTERFACE PER ITL-SPEC-CECC-22190

SUGGESTED STRIPPING INSTRUCTIONS [STRAIGHT]

SCALE: NONE

SUGGESTED STRIPPING INSTRUCTIONS [R/ANGLE]

SCALE: NONE

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:
 DECIMALS DIAMETER

DRAWN JDMc 1/16/08

CHECKED

ORJ DRAWN C. ZUNIGA 06/06/06

APPROVALS DATE

RF connectors
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RFD-1630-2-C1

7-16 DIN FEMALE COMBINATION CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	RFD-1630-2-C1	A

SCALE: 2:1 CAD FILE 13ARC B SHEET 1 OF 1

ITEM	DESCRIPTION	PART NUMBER	QTY	MATERIAL	FINISH
9	FERRULE	FER-20C1	1	BRASS	SILVER
8	SCREW CAP	O20-XXX0001BE	1	BRASS	SILVER
7	BACK NUT	O04-XXX0012BE	1	BRASS	SILVER
6	GROUND RING	O14-16F0001PE	1	PHOS BRONZE	SILVER
5	BODY, 7-16 DIN F	O01-16F0001BE	1	BRASS	SILVER
4	DIELECTRIC	O10-16X0001TX	1	PTFE	NONE
3	CONTACT, CABLE	O05-XXX0005BE	1	BRASS	SILVER
2	CONTACT	O08-16F0001CE	1	BeCu	SILVER
1	BODY	O01-16X0003BE	1	BRASS	SILVER