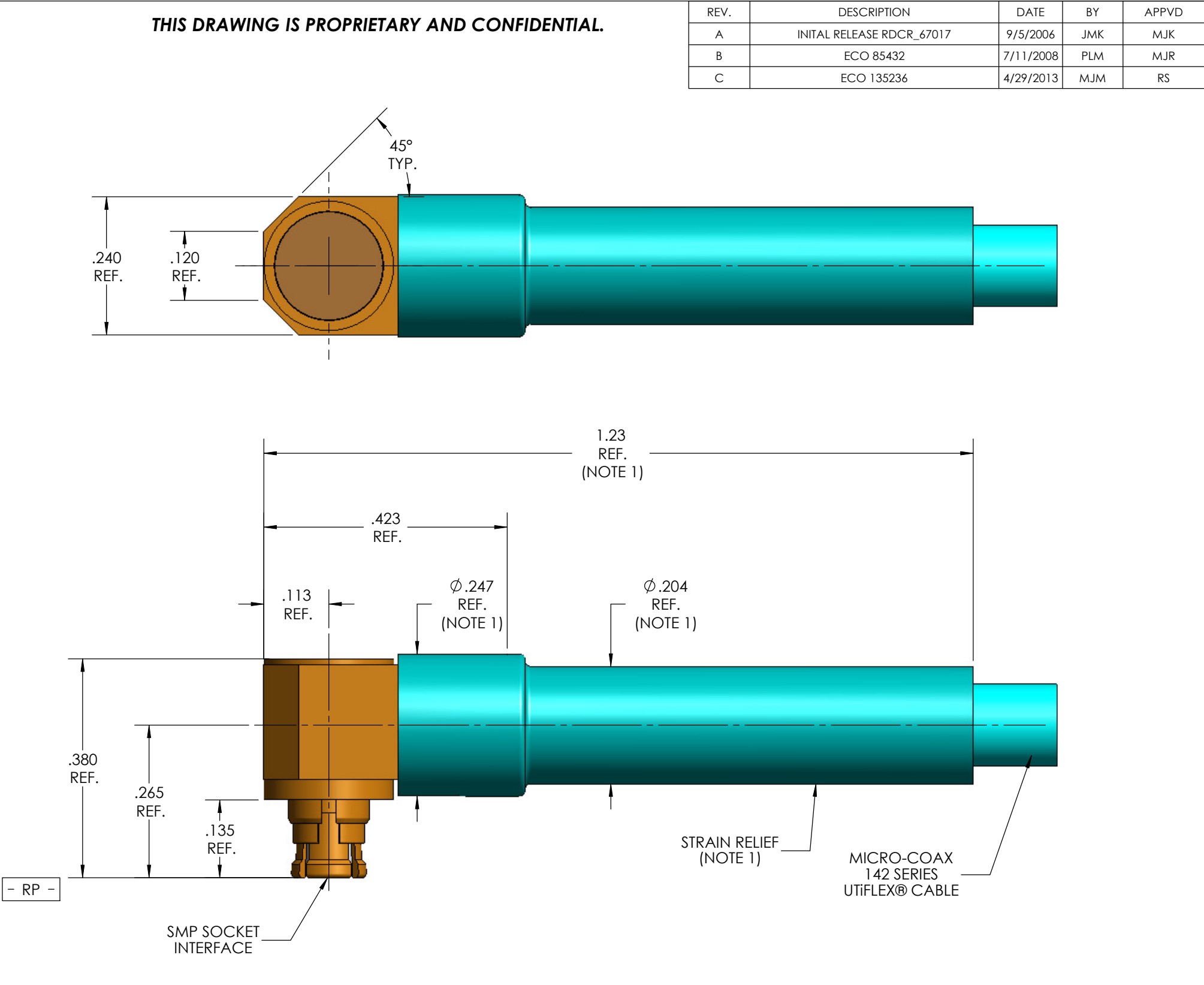


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1A
SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	8.0 LBS. MIN.
DURABILITY (FULL, LIMITED, SMOOTH)	100, 500, 1000 CYCLES MIN.
MASS	1.43 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDENCE	50 Ohms NOM.
MAXIMUM FREQUENCY	12.4 GHz
VSWR DC - 6.0 GHz	1.20:1 MAX.
6.0 - 12.4 Ghz	1.30:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	875 Vrms MIN. @ SEA LEVEL
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3.0 GHz	-80 dB MIN.
3.0 - 12.4 GHz	-65 dB MIN.
CORONA	230 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	575 Vrms MIN. @ SEA LEVEL
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C TO 165°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
BODIES, CONTACT, ANTI-ROCK RING, EMI SHIELD RING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC STOP(S)	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
END CAP	BRASS, PER ASTM-B-36 GOLD PLATE PER MIL-DTL-45204, OVERCOPPER PLATE PER MIL-C-14550
INSULATOR	TFE FLUOROCARBON PER ASTM-D-1710
APPLICATION	
CABLE(S)	UFB142A, UFB142C, MHJ142A
INSTALLATION	PER CONFIGURATOR



REV.	DESCRIPTION	DATE	BY	APPVD
A	INITAL RELEASE RDCR_67017	9/5/2006	JMK	MJK
B	ECO 85432	7/11/2008	PLM	MJR
C	ECO 135236	4/29/2013	MJM	RS

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		DWN.	SRS	10/04/04								
		CHKD.	CCF	4/30/13								
		APPVD.										
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE										
		SMP FEMALE (SOCKET), MITER RIGHT ANGLE, 142 SERIES										
.XX		± .02		ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO.		SIZE	SCALE	SHEET NO.	DRAWING NO.	REV
.XXX		± .005				64639		B	5:1	1 OF 1	SD904143	C
.XXXX		± .0010										
ANGLES		± 2°										