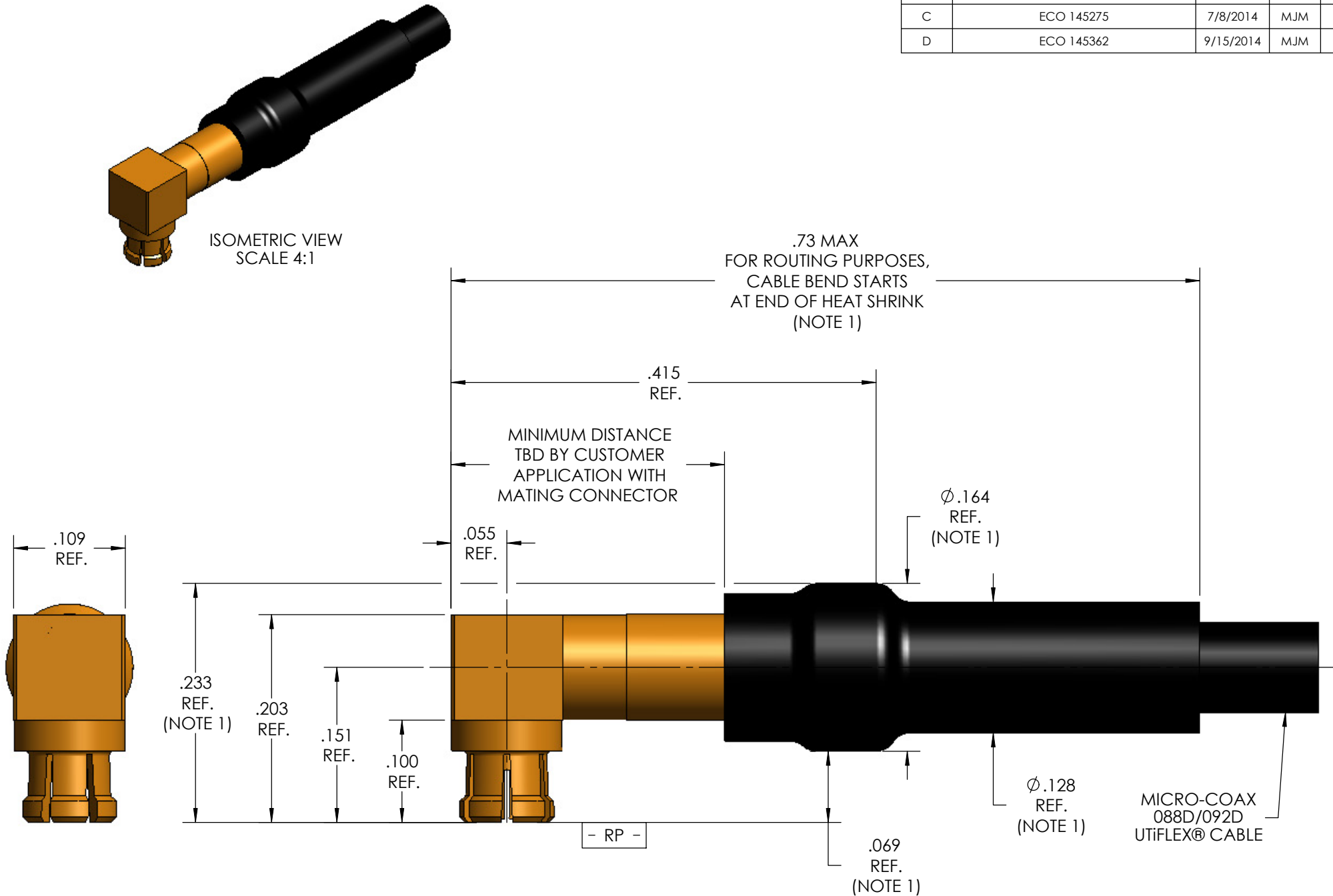


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 328-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A
FORCE TO ENGAGE	5.0 IN-LBS. MAX.
FORCE TO DISENGAGE	4.0 IN-LBS. MIN.
DURABILITY	100 CYCLES MIN.
CABLE RETENTION	6 LBS. MIN.
MASS	0.37 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	20.0 GHz
VSWR DC - 3 GHz	1.07:1 MAX.
3 GHz - 8 GHz	1.09:1 MAX.
8 GHz - 12.4 GHz	1.12:1 MAX.
12.4 GHz - 18 GHz	1.2:1 MAX.
18 GHz - 20 GHz	1.24:1 MAX.
INSERTION LOSS	0.08 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	600 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
18 - 20 GHz	TBD
CORONA	150 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	400 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-100 °C TO 150 °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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
BODIES & CONTACTS	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL- 45204, OVER NICKEL PLATE PER AMS-QQ-N-290.
DIELECR TIC BEADS	TFE FLUOROCARBON, PER ASTM-D-1710
DIELECTRIC BEAD & DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
APPLICATION	
CABLE(S)	088D/092D SERIES CABLE
INSTALLATION	PER CONFIGURATOR

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REV	DESCRIPTION	DATE	BY	APPVD	CHKD
A	INITIAL RELEASE - RDCR 127008	3/5/2014	MJM	RS	CCF
B	ECO 145141	4/8/2014	MJM	RS	CCF
C	ECO 145275	7/8/2014	MJM	RS	NDS
D	ECO 145362	9/15/2014	MJM	RS	CCF

NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 905217-EM (EQUIPMENT MODEL).

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	DWN.	MJM	7/13/12							
	CHKD.	NDS	7/9/14							
	APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE							
			SMPM RIGHT ANGLE SOCKET, 088D/.092D CABLE, SPACE GRADE							
.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	8:1	1 OF 1	SD905217	D
.XXXX	± .0010									
ANGLES	±2°									