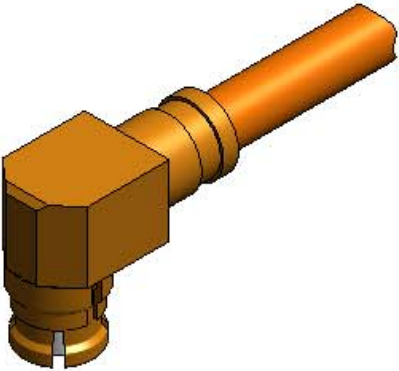
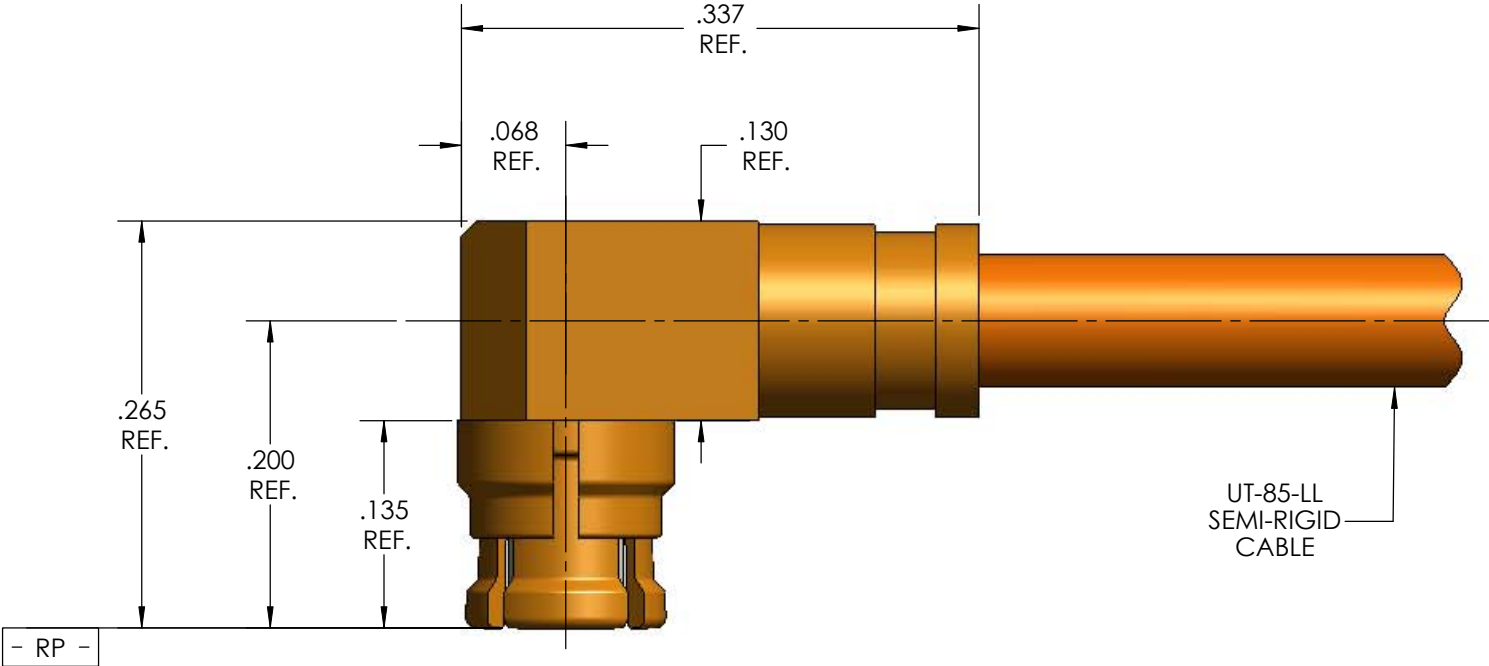
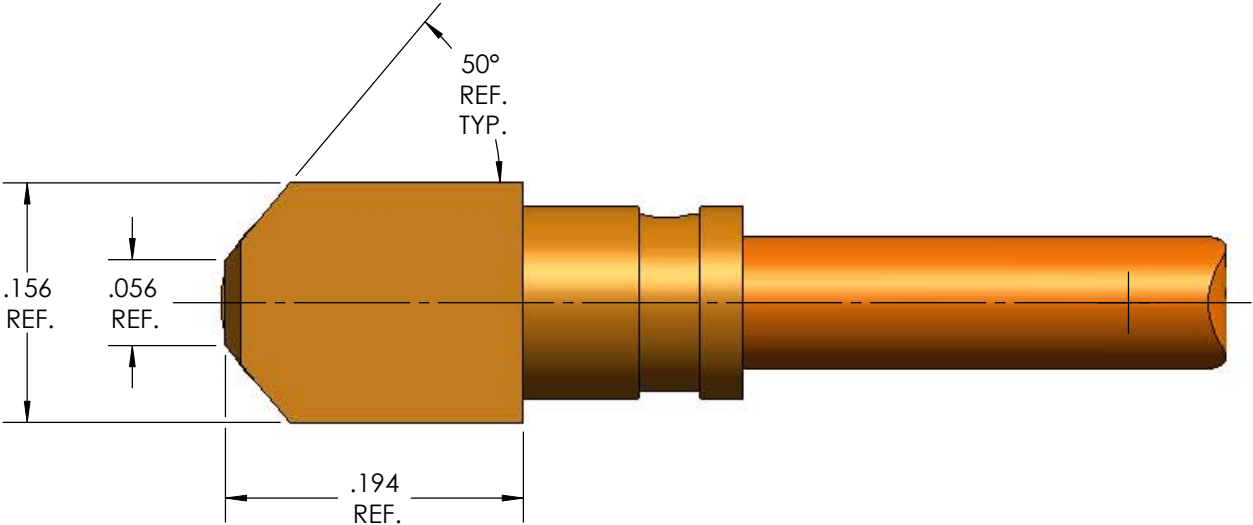


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1A
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	2 LBS. MIN.
DURABILITY (FULL, LIMITED, SMOOTH)	100, 500, 1000 CYCLES MIN.
MASS	MASS = 0.57 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40.0 GHz
VSWR DC - 20 GHz	1.10:1 MAX.
20 - 26.5 Ghz	1.16:1 MAX.
26.5 - 40 Ghz	1.7:1 MAX.
INSERTION LOSS	0.08 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	700 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB MIN.
3 - 26.5 GHz	-65 dB MIN.
CORONA	180 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	450 Vrms MIN.
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	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATORS	TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC , PER ASTM-D-5205
APPLICATION	
CABLE(S)	UT-85-LL
INSTALLATION	PER CONFIGURATOR

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ISOMETRIC VIEW
SCALE: 4:1



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		DWN.	MJM	2/16/11							
		CHKD.	MJR	2/17/11							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		SMP SOCKET, MITER RIGHT ANGLE, UT-85-LL									
.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	SD905103		2	
.XXXX	± .0010										
ANGLES	± 2°										