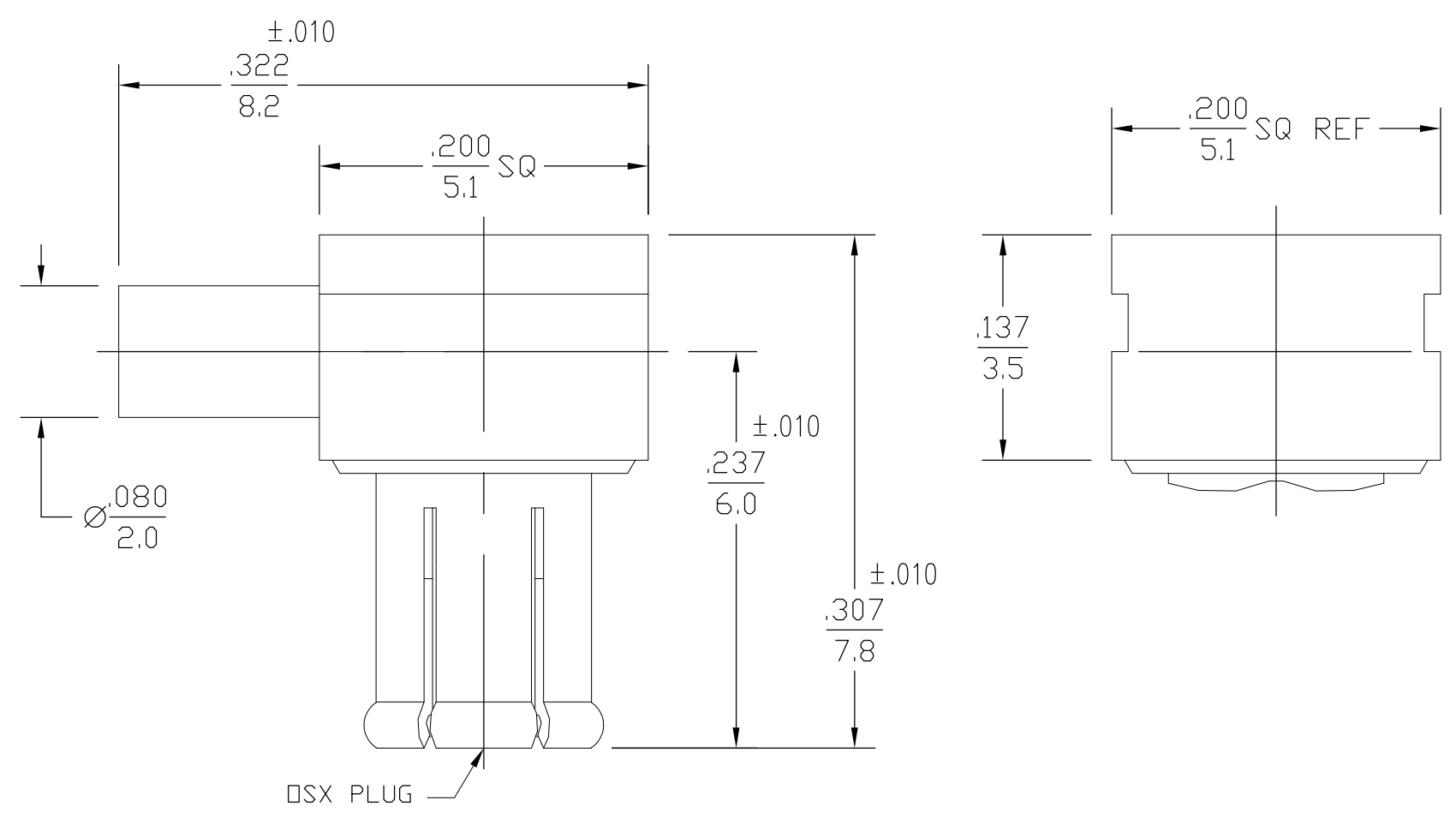


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LOC	DIST	REVISIONS					
AJ	17	P	LTR	DESCRIPTION	DATE	DWN	APVD
		E		REV PER ECO 08-007172	26MAR2008	DW	JL



1082804-1	
PART NUMBER	
DESIGNED FOR USE WITH .047 S.R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.024 SLOT
HOUSING	.050

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Force to Engage (Lbs MAX) 3.4lbs (1.1 typ.)	Temperature Rating -65°C TO 105°C
Frequency Range (GHz) DC TO 12.4	Force to Disengage (Lbs MAX) 2.25lbs min, 4.5lbs max	Vibration MIL-STD-202, Method 204,
Voltage Rating (VRMS MAX) @ Sea level 335	Center Contact Captivation: Axial 4.5lbs @ 1 minute	Condition B
VSWR 1.15:1 MAX	with .006" displacement	Thermal shock MIL-STD-202, Method 102,
Insertion Loss .1dB x FGHz	Cable Retention Axial (Lbs) 25 lbs min	Condition C
Corona, 70,000 Ft (VRMS MIN) 250		Moisture Resistance MIL-STD-202, Method 106D,
Dielectric Withstanding Voltage (VRMS MIN) @ Sea level 1000		10 cycles 24 hours
Contact Resistance (Milliohms MAX) Center Contact 5.0		Corrosion MIL-STD-202,
Outer Contact 1.0		Method 101, Condition B
Cable To Housing 1.0		
RF High Potential @ Sea level (VRMS MIN @ 5 MHz) 670		
I.R. (Megohms Min) 10,000		

.XXX = in
XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING CAP CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CONTACT FINGER	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN DK SCHRUM 01MAR2006	Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 (0.12) 4 PLC ± - ANGLES ± 1°	CHK KE WEIDNER 01MAR2006	
MATERIAL	FINISH	APVD KE WEIDNER 01MAR2006	NAME OSX RIGHT ANGLE CABLE PLUG DIRECT SOLDER ATTACHMENT (5807-7947-09 rev 01.1)
		PRODUCT SPEC -	SIZE A3
		APPLICATION SPEC 408-8767	CAGE CODE 00779
		WEIGHT -	DRAWING NO 1082804-1
		CUSTOMER DRAWING	RESTRICTED TO -
		SCALE 10:1	SHEET 1 OF 1
			REV E