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LOC		DIST		REVISIONS					
—		—		P	LTR	DESCRIPTION	DATE	DWN	APVD
					O1	REVISED PER ECO-09-027196	05JAN10	HMR	KW

Technical drawing of a PCB Jack Receptacle. The drawing includes three views: a side view, a top view, and a detail view of the contact area. Dimensions are provided in millimeters with tolerances.

Side View Dimensions:

- Overall width: 11.23 ± 0.10
- Width to center of contact: 10.74 ± 0.15
- Width to center of contact (inner): 7.59 ± 0.25
- Width to center of contact (outer): 4.14 ± 0.30
- Overall height: 3.68 +0.03/-0.02 DIA
- Height of contact: 0.94 +0.03/-0.02 DIA
- Width of contact: 0.43 ± 0.05

Top View Dimensions:

- Overall width: 6.35 ± 0.10 A/F
- Width to center of contact: 6.20 +0.02/-0.03 DIA
- Width to center of contact (inner): 8.15 +0.03/-0.02 DIA
- Width of contact: 1.02 ± 0.05 TYP

Detail View Dimensions:

- Overall width: 5.08
- Width to center of contact: 2.54
- Width of contact: 1.02 ± 0.05 TYP

Notes:

- 1 HOLE 1.20 DIAMETER
- 4 HOLES 1.70 DIAMETER

ELECTRICAL		MECHANICAL		ENVIRONMENTAL		BODY		BRASS		GOLD	
Nominal Impedance (Ohms) 50		Interface Dimensions CECC 22 130		TEMPERATURE RATING -55°C TO +155°C		MALE CONTACT		BRASS		GOLD	
Frequency Range (GHz) DC to 4.0		Recommended Mating				INSULATOR		PTFE		N/A	
Volt Rating (VRMS MAX)		Torque N/A				COMPONENT		MATERIAL		FINISH	
@ Sea Level 350		Force to Engage and									
carona, 70,000Ft (VMRS MIN)		Disengage (Newtons MAX) 60									
Dielectric Withstanding Voltage		Center Contact Captivation									
(VRMS MIN) @ Sea Level 1,000		Axial (N)									
Contact Resistance (Milliohms MAX)		Radial (Nm) N/A									
Center Contact 5.0		Cable Retention		CABLE ENTRY DIAMETER MINIMUM							
Outer Contact 2.5		Axial Force (N) N/A									
cable to Housing		Torque (Nm) N/A									
I.R.(Megohms MIN) 1,000		Weight (Grams) TBD									
				DIMS. in mm							

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.13

3 PLC ± -

4 PLC ± -

ANGLES ± 1°

FINISH

MATERIAL

DWN	RAGHAVENDRA	05JAN2010	Tyco Electronics Corporation	
CHK	KEVIN WEIDNER	05JAN2010	Harrisburg, PA 17105-3608	
APVD	KEVIN WEIDNER	NAME		
PRODUCT SPEC	SMB PCB JACK RECEPTACLE			
APPLICATION SPEC	-			
WEIGHT	A3 26805		CAGE CODE	DRAWING NO
CUSTOMER DRAWING		SCALE		SHEET
		6:1		1 OF 1
		REV		01