



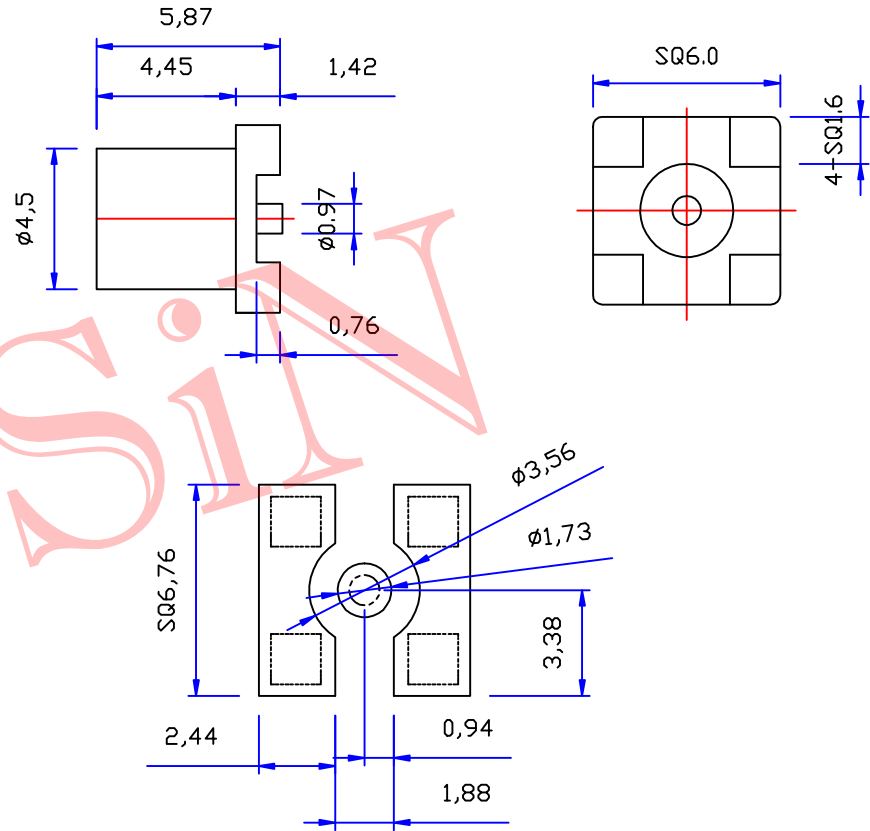
Product NO.		DOSIN-809-0041		
REV	DESCRIPTION	DWN	DATE	APPROVEN
A	First issue	Mr. Wang	2015/11/18	John kine
B				

Specifications

ELECTRICAL RATINGS
 Impedance: 50 Ohms
 Frequency Range: Connectors.....0-6 GHz
 Dummy loads.....0-1 GHz
 VSWR: (f = GHz) Straight Cabled Right Angle Connectors Cabled Connectors

RG-178 cable..... 1.17 + .04f 1.07 + .06f
 RG-316 and .086 semi-rigid cable 1.13 + .04f 1.07 + .04f
 Adapters..... 1.13 + .04f
 Uncabled receptacles, Dummy loads..... N/A
 Working Voltage (Vrms maximum) 2
 Connectors for Cable Type Sea Level 70K Feet
 RG-178..... 25065
 RG-316, .086 semi-rigid uncabled receptacles, adapter..... 85
 Dummy loads..... N/A
 Dielectric Withstanding Voltage: (VRMS minimum at sea level)
 Connectors for RG-178..... 750
 Connectors for RG-316, .086 semi-rigid, uncabled receptacles, adapters..... 1000
 Dummy loads..... N/A
 Corona Level (Volts minimum at 70000 feet)
 Connectors for RG-178..... 190
 Connectors for RG-316, .086 semi-rigid uncabled receptacles, adapters..... 250
 Dummy loads..... N/A
 Insertion Loss (dB maximum, tested at 1 GHz)
 Right angle cable connectors..... 0.2 dB (loads)
 Uncabled receptacles, dummy loads..... N/A
 Insulation Resistance 10,000 megohms minimum
 Contact Resistance (milliohms maximum) After Initial Environment

Center contact (straight cabled connectors, uncabled receptacles and adapters) 5.0 8.0
 Center contact (right angle cabled connectors) 5.0 15.0
 Outer contact..... 1.05
 Braid to body (gold plated connectors) 1.0 N/A
 Braid to body (nickel plated connectors)..... 2.5 N/A
 RF Leakage (dB typical tested at 2.5 GHz)
 Cable connectors..... -55 dB
 Uncabled receptacles and adapters, dummy loads..... N/A



1	Body	Brass	Au:1u
2	Insulator	TEFLON	White
3	Center contact	Phosphor	Au:3u
4			
5			
6			
7			
8			
9			
10			
NO	Component Number	Material	Finish

NOTE:		Tolerance	X	±0.15
			X.X	±0.10
			X.XX	±0.05
			Angular	±5°
DRAWN		View		
Zelin. Zhang				
CHECKED		UNIT	MM	
APPROVALS		SCALE	1:1	
John Kine				

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Name: MCX JACK SMT			
SIZE A	Product NO.	REV A	
	DOSIN-809-0041		
DateTime	CAD FILE	SHEET: 1 OF 1	
2015/11/18	H/company drawings/BD		