



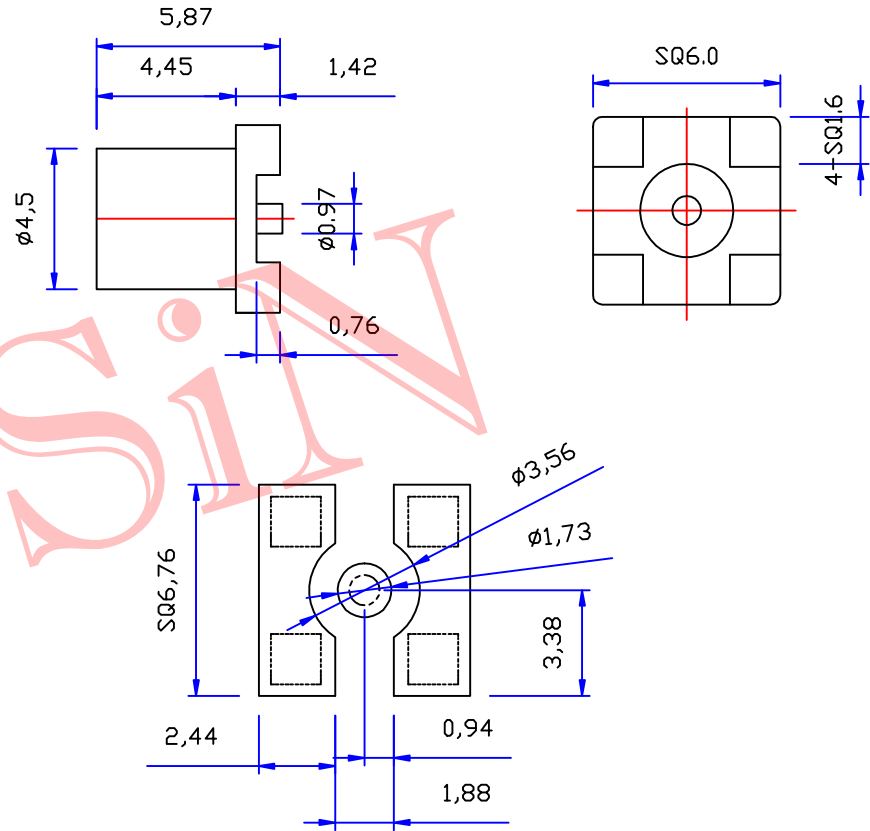
Product NO.		DOSIN-809-0041		
REV	DESCRIPTION	DWN	DATE	APPROVEN
A	First issue	Mr. Wang	2015/11/18	John kine
B				

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 35..... 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	
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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	