



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

uncabled receptacles, adapters.....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

Uncabled receptacles, dummy loads.....N/A

Insulation Resistance (1000 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

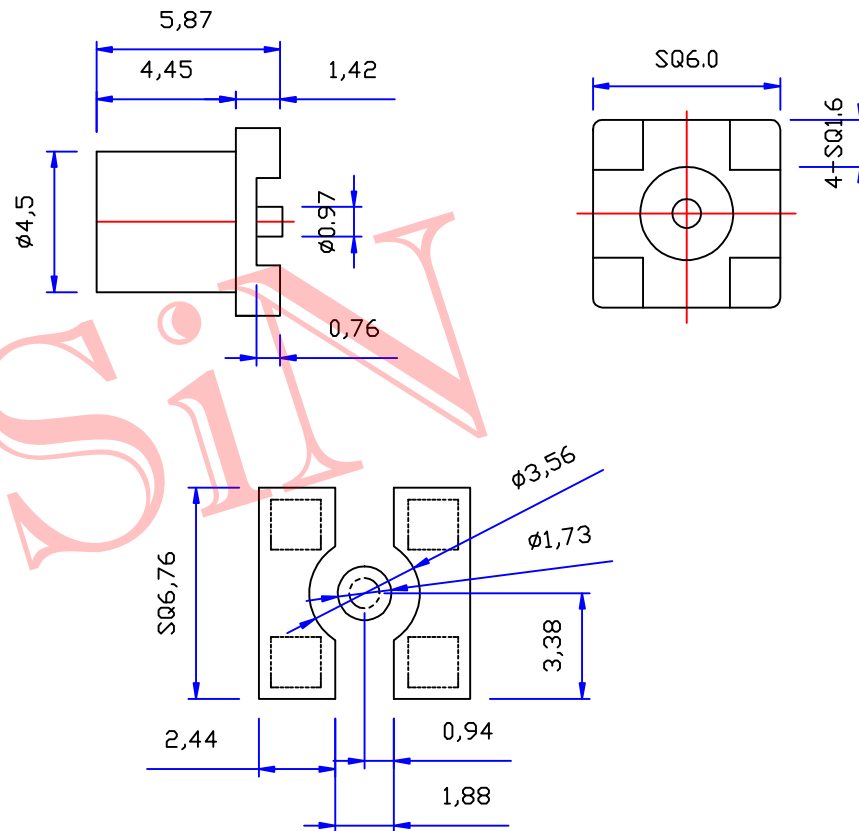
Braid to body (gold plated connectors).....1.0 N/A

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:

DRAWN  
Zelin. Zhang

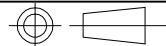
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APPROVALS  
John Kine

Tolerance

X	±0.15
X.X	±0.10
X.XX	±0.05
Angular	±5°

View



UNIT

MM

SCALE

1:1



Dosin Industrial (HK) Co., Ltd

东莞市德索五金电子制品有限公司

Dosin Hardware Electronics Co., Ltd

E-mail: dosin2005@163.com  
dosin2005@dosin-china.com  
Web: http://www.dosincomm.com  
TEL: (0086) 769-81153906  
FAX: (0086) 769-81875836

Name: MCX JACK SMT

SIZE  
A

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CAD FILE  
H/company drawings/BD

SHEET: 1 OF 1