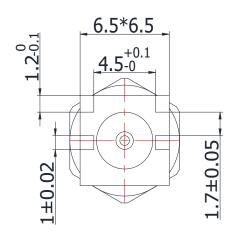
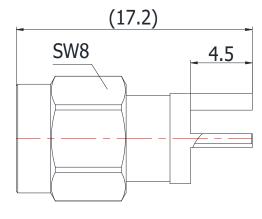
CONNECTOR DATASHEET



SMA(MALE) FOR PCB

SMA-JHD7





^{*}Dimensions are in mm

Connector 1 Type Connector 1 Impedance Connector 1 Impedance Connector 1 Polarity Standard Body Style Straight Connector Mount Method None Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency DC to 18 GHz Insertion Loss (dB) Return loss/VSWR DC to 18 GHz Insertion Loss (dB) Return loss/VSWR Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Dielectric Environmental Data Temperature Range -40°C to +165°C 2011/65/EU(RoHS) Standard S			
Connector 1 Impedance Connector 1 Polarity Standard Body Style Straight Connector Mount Method None Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency DC to 18 GHz Insertion Loss (dB) Return loss/VSWR 1.3 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Dielectric Environmental Data Temperature Range 50 Ohms Standard Standard None Solder DC to 18 GHz 1.3 CuBe Gold Plated Dielectric PTFE	Configuration		
Connector 1 Polarity Body Style Connector Mount Method Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR DC to 18 GHz 1.3 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric Environmental Data Temperature Range -40°C to +165°C	Connector 1 Type	SMA Male	
Body Style Connector Mount Method Connector 2 Interface Type Attachment Method Frequency Frequency Insertion Loss (dB) Return loss/VSWR Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Drielectric Environmental Data Straight None Straight None Pin Solder Pin Attachment Method Solder DC to 18 GHz ≤ 0.05 xSqt.(f_Ghz) 1.3 CuBe Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Connector 1 Impedance	50 Ohms	
Connector Mount Method Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR DC to 18 GHz 1.3 Materials Information Centre Contact Outer Contact Brass Gold Plated Outer Contact Brass Gold Plated Dielectric Environmental Data Temperature Range None Pin Contact Cube Gold Plated PTFE Environmental Data	Connector 1 Polarity	Standard	
Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR DC to 18 GHz 1.3 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Dielectric Environmental Data Temperature Range Pin Collectric Pin Cube Gold Plated Plated Plated Precontact PTFE	Body Style	Straight	
Attachment Method Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR DC to 18 GHz 1.3 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric Environmental Data Temperature Range -40°C to +165°C	Connector Mount Method	None	
Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR DC to 18 GHz ≤ 0.05 xSqt.(f_Ghz) Return loss/VSWR 1.3 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric Environmental Data Temperature Range -40°C to +165°C	Connector 2 Interface Type	Pin	
Frequency Insertion Loss (dB) Return loss/VSWR DC to 18 GHz ≤ 0.05 xSqt.(f_Ghz) 1.3 Materials Information Centre Contact Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Attachment Method	Solder	
Insertion Loss (dB) ≤ 0.05 xSqt.(f_Ghz) Return loss/VSWR 1.3 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Electrical Specifications		
Return loss/VSWR 1.3 Materials Information Centre Contact Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range 1.3	Frequency	DC to 18 GHz	
Materials Information Centre Contact Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Insertion Loss (dB)	≤ 0.05 xSqt.(f_Ghz)	
Centre Contact Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range CuBe Gold Plated Brass Gold Plated PTFE -40°C to +165°C	Return loss/VSWR	1.3	
Outer Contact Brass Gold Plated Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Materials Information		
Body Brass Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Centre Contact	CuBe Gold Plated	
Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Outer Contact	Brass Gold Plated	
Environmental Data Temperature Range -40°C to +165°C	Body	Brass Gold Plated	
Temperature Range -40°C to +165°C	Dielectric	PTFE	
	Environmental Data		
2011/65/EU(RoHS) Compliant	Temperature Range	-40°C to +165°C	
	2011/65/EU(RoHS)	Compliant	

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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