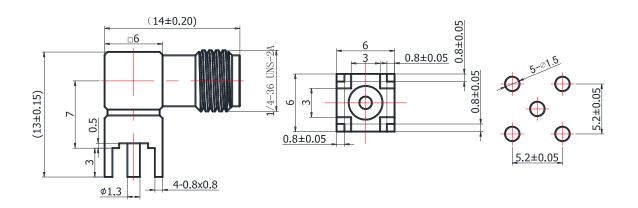
CONNECTOR DATASHEET



SMA(FEMALE) FOR PCB RIGHT ANGLE

SMA-KWHD



*Dimensions are in mm

Connector 1 Type Connector 1 Impedance Connector 1 Impedance 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 6 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 2002/95/EC(RoHS) Standard Solder Cube Gold Plated Dielectric PTFE Environmental Data		
Connector 1 Impedance Connector 1 Polarity Standard Body Style Right Angle Connector Mount Method None Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency DC to 6 GHz Insertion Loss (dB) Return loss/VSWR 1.25 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Dielectric Environmental Data Temperature Range 50 Ohms Standard None Standard None Right Angle Right Angle Right Angle Standard None Contect GHz Right Angle Solder Right Angle Solder Pin Cube Gold Plated Outer Contact Brass Gold Plated Outer Contact Solder Environmental Data Temperature Range -40°C to +165°C	Configuration	
Connector 1 Polarity Body Style Connector Mount Method Connector 2 Interface Type Attachment Method Frequency Insertion Loss (dB) Return loss/VSWR Centre Contact Body Brass Gold Plated Body Dielectric Environmental Data Right Angle Right Angle Right Angle Right Angle Right Angle None Pin None Poin Attachment Method Solder DC to 6 GHz ≤ 0.1 xSqt.(f_Ghz) 1.25 Materials Information Centre Contact CuBe Gold Plated Dielectric PTFE	Connector 1 Type	SMA Female
Body Style Connector Mount Method Connector 2 Interface Type Attachment Method Solder Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR Determined Sold Plated Outer Contact Body Brass Gold Plated Dielectric Environmental Data Reight Angle Right Angle Pin Right Angle Right Angle Pin Pin Attachment Method Solder Electrical Specifications Cube Gold Plated Right Angle Solder 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 DC to 6 GHz Insertion Loss (dB) Return loss/VSWR 1.25 Materials Information Centre Contact CuBe Gold Plated Outer Contact Brass Gold Plated Body Dielectric Brass Gold Plated Dielectric Environmental Data Temperature Range -40°C to +165°C	Connector 1 Polarity	Standard
Connector 2 Interface Type Attachment Method Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR Centre Contact Outer Contact Body Dielectric Environmental Data Pin Solder Pin Solder Pin Solder Pin Solder DC to 6 GHz Sold Flate Sold Flate Sold Plated CuBe Gold Plated Dielectric PTFE Environmental Data Temperature Range -40°C to +165°C	Body Style	Right Angle
Attachment Method Electrical Specifications Frequency Insertion Loss (dB) Return loss/VSWR DC to 6 GHz Insertion Loss (dB) Return loss/VSWR 1.25 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 6 GHz ≤ 0.1 xSqt.(f_Ghz) Return loss/VSWR 1.25 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	Connector 2 Interface Type	Pin
Frequency Insertion Loss (dB) Return loss/VSWR DC to 6 GHz ≤ 0.1 xSqt.(f_Ghz) Return loss/VSWR 1.25 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	Attachment Method	Solder
Insertion Loss (dB) ≤ 0.1 xSqt.(f_Ghz) Return loss/VSWR 1.25 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 Specification	ns
Return loss/VSWR 1.25 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	Frequency	DC to 6 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)	≤ 0.1 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	1.25
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	
2002/95/EC(RoHS) Compliant	Temperature Range	-40°C to +165°C
	2002/95/EC(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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