#### Gwave CONNECTOR DATASHEET GPO(SMP)(MALE) FOR PCB **GPO-JHD101** 5.2 4.1 15 ø**4** ø**4.2** solder area 5.2 4 00. S 0±0.1 ,—i≬ 0.5 0.4

#### \*Dimensions are in mm

# Configuration

Connector 1 Type	GPO(SMP) Male Limited Detent
Connector 1 Impedance	50 Ohms
Connector 1 Polarity	Standard
Body Style	Straight
Connector Mount Method	None
Connector 2 Interface Type	Pin
Attachment Method	Solder

PCB layout

### **Electrical Specifications**

Frequency	DC to 26.5 GHz
Insertion Loss (dB)	≤ 0.05 xSqt.(f_Ghz)
Return loss/VSWR	$\geq$ 26dB to 6GHz; $\geq$ 20dB to 12GHz

### **Materials Information**

Centre Contact	Brass Gold Plated
Outer Contact	Brass Gold Plated
Body	Brass Gold Plated
Dielectric	LCP

## **Environmental Data**

Temperature Range	-65°C to +155°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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