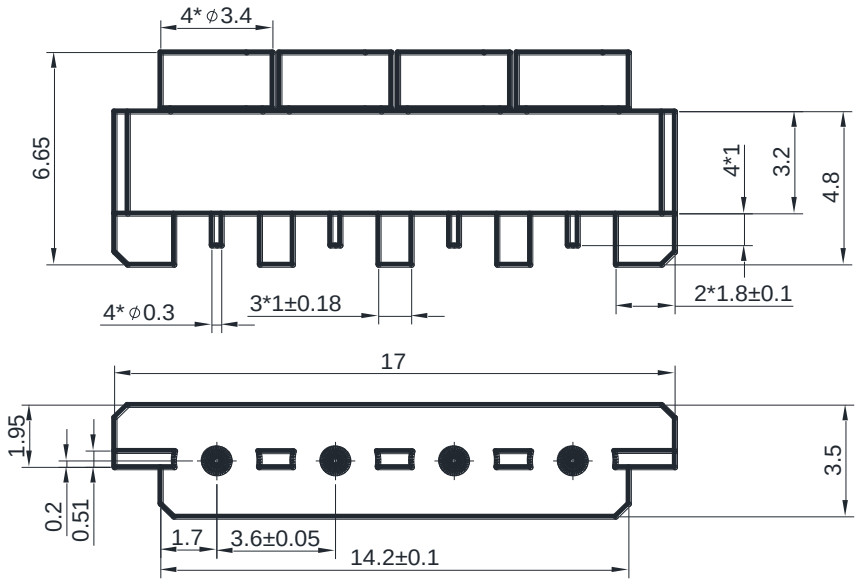
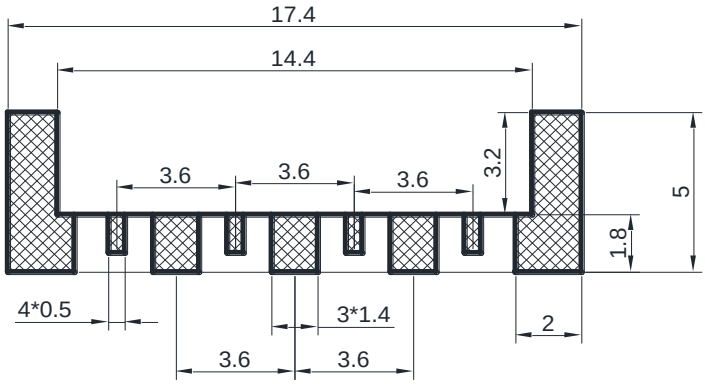
CONNECTOR DATA SHEET	Gwave
GPPO(MALE) FOR PCB 4 POSITION BOARD CONNECTOR	**GPPO-J4MHD**

Our 4 Position Board Connector is a multicoax solution for high speed and density application. It is a excellent solution for bench-top and system testing. With GPPO (mini-SMP) ports, it can mate with other GPPO (mini-SMP) cable assembly and can be tested easily. It is a small form factor and has outstanding electrical characteristics . The frequency ranges from DC to 67GHz.



PCB Layout



Electrical Specifications

Impedance	50 Ω
Frequency	DC to 67 GHz
VSWR	1.40@40 GHz;1.65@67 GHz;
Insertion Loss (dB)	≤ 0.05 xSqt.(f_Ghz)
Dielectric withstand Voltage	500V rms
Insulation resistance	⩾5G Ω
Working voltage (at sea level)	500V rms

Mechanical Characteristics

Mating cycles	⩾500
Center contact captivation: axial	⩾10 N
Coupling torque recommended	NA

Materials Information

Outer Contact	Brass Gold plated
Center Contact	CuBe Gold plated
Dielectric	PTFE

Environmental Data

Temperature range	-40°C to +85°C
2011/65/EU(RoHS)	Compliant

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