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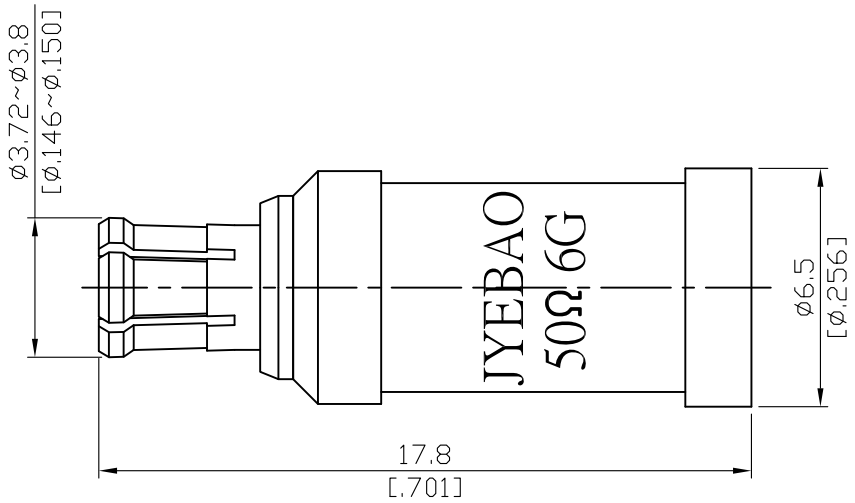
MCX3900-0006	2 Watt 50ohm MCX Plug 6GHz VSWR 1.2	50Ω



2W average power from -55°C to +70°C linearly derated to 1 Watt at 155°C

Parts	Material	Plating (Micro-inch)
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

Material

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MCX	MCX3900-0006

Interface

IEC 61169-36

Electrical Data

Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≦1.2 (DC to 6GHz)
Insertion loss	≦0.1dB to 1GHz; ≦0.15 to 3GHz
Insulation resistance	≧10000mΩ
Contact resistance inner conductor	≦5mΩ
Contact resistance outer conductor	≦2.5mΩ
Dielectric withstanding voltage (at sea level)	750 V rms
Working voltage (at sea level)	250 V rms

Mechanical Data

Engagement force	≦5.6 lbs
Disengagement force	1.8 to 4.5 lbs
Contact captivation-axial	≧2.3 lbs
Durability (mating)	≧500

Environmental Data

Temperature range	-55°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition F
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Tooling