



TECHNICAL DATASHEET

Edge Mount Connector | 1.0 mm | DC to 110 GHz

MADE IN GERMANY

Edge Mount Connector | 1.0 mm | DC to 110 GHz SKU 508/005

Technical Specifications

Edge Mount Connector | 1.0 mm | DC to 110 GHz

Type ▶ 1.0 mm socket per IEC 61169-31

SKU ▶ 508/005

Radio Frequency Characteristics

Frequency Range ▶ DC to 110 GHz

Return Loss ▶ 10 dB

Characteristic Impedance ▶ 50 Ω

Mechanical Characteristics

Inner conductor material / surface coating ▶ CuBe age hardened / gold-plated

Inner contact PCB side material / surface coating ▶ CuBe age hardened / gold-plated coating

Dielectric material ▶ PEI

Outer conductor material / surface coating ▶ copper alloy / gold-plated

Other metallic parts / surface coating ▶ copper alloy / nickel-plated stainless steel

Weight, approx. 15 g

Installation type solderless

Marking ▶ laser engraving

PCB thickness ▶ Max. 2.2 mm (expandable with longer screws)

Environmental Conditions

Operating Temperature Range ▶ -40 to +70°C

Max. Relative Humidity ▶ 95% (non-condensing)

Technical Drawing



