



Mini-Coax 4 Channel Block  
Right Angle

**23C21E-40ML5**

**Electrical data**

Impedance 50 Ω  
 Frequency DC to 20 GHz  
 Return loss ≥ 25 dB @ DC to 3 GHz  
 ≥ 20 dB @ 3 GHz to 6 GHz  
 ≥ 16 dB @ 6 GHz to 20 GHz  
 Insertion loss ≤ 0.05 x √f [GHz] dB  
 Insulation resistance ≥ 1GΩ  
 Center contact resistance ≤ 10 mΩ  
 Outer contact resistance ≤ 3 mΩ  
 Test voltage (at sea level) 750 V rms  
 Working voltage (at sea level) 500 V rms  
 RF-leakage ≥ 80 dB @ DC to 1 GHz  
 ≥ 60 dB @ 1 GHz to 4 GHz

- Connector only, VSWR in application depends decisive on PCB layout -

**Mechanical data**

Mating cycles ≥ 500  
 Engagement force max. 16 N typical 10 N  
 Extraction force max. 24 N typical 21 N

**Environmental data**

Temperature range -40 °C to +125 °C  
 Climatic category IEC 60068-2-1 40/85/21  
 Dry heat IEC 60068-2-2  
 Damp heat IEC 60068-2-78  
 Shock IEC 60068-2-27 (50g halvesinus, 2 shocks/axis during 11 sec.)  
 Max. soldering temperature IEC 61760-1, +260 °C for 10 sec.  
 RoHS compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight 2.1 g/pce

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