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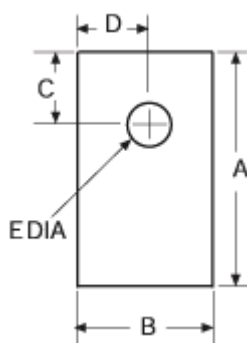
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Aluminum Oxide Ceramic: 4180G

Aluminum oxide has unique thermal conductivity qualities and features low loss factors at high frequencies. It has high compressive strengths, high volume resistivity, low thermal expansion and it resists radiation.

4180G is used for electrically insulating TO-218, TO-247, and TO-3P devices. This component measures 23.24 mm long x 18.8 mm wide x approximately 2.03 mm thick.

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Product Overview

4180G

Length: 23.2 mm (0.915 in.)

Width: 18.8 mm (0.74 in.)

Thickness: 2.03 mm (0.08 in.)

Diameter of Through Hole: 4.0 mm (.16 in.)

Distance of Hole Center from End: 7.0mm (.28 in.)

Device Type: T0-218, T0-247, and T0-3P

Material: Aluminum Oxide Ceramic

Thermal Conductivity (W/mK): 15.06



Dielectric Strength: 21.7 x 10³ (@ .76mm) V/mm16.9 x 10³ (@ 1.57mm) V/mm

Temperature Range: °C through 1925°C

RoHS: Compliant

Note: Hole diameters are +/- 0.13mm (0.005"), angularity is +/- 1° and flatness is 0.05mm (0.002") TIR unless otherwise specified.

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