



METALLIZATION - CEBLMEMET Series

Specifications

- **Electrical resistance:**

Square resistance < 0.5Ω

We either follow a certain resistance requirement (e.g. resistance between 2 specified points, square resistance), a thickness or a damping requirement (dB).

- **Adhesion testing:**

Adhesion test as per ASTM D3359 (tape test)

Adhesion test as per ASTM D3359b (cross hatch test)

- **Corrosion resistance in environmental chamber:**

Thermal cycling between -40°C and +80°C (-40°F~+180 °F)

Humidity cycling ASTM D2247 > 48h

- **Thickness measurement:**

Copper: 0.5 ~5.0μm

Stainless steel: 0.2μm

Other materials as requested

- **Attenuation:**

> 65 dB (800MHz ~15GHz)

Coating properties are always adjusted to the customer requirements

Key Features

- Selective coating method
- High yields
- Coating material can be selected from a large range of metals: Cu, AlSi, Al, Au, Zn,Cr
- Coating thickness can be selected from 0.1 to 5 μm
- Excellent adhesion
- Very even and uniform film of coating
- Part can be processed after the coating
- Low temperatures in coating process
- Environmentally friendly coating: no heavy metals and plastic can be recycled as such (no pretreatments)