



GETELEC

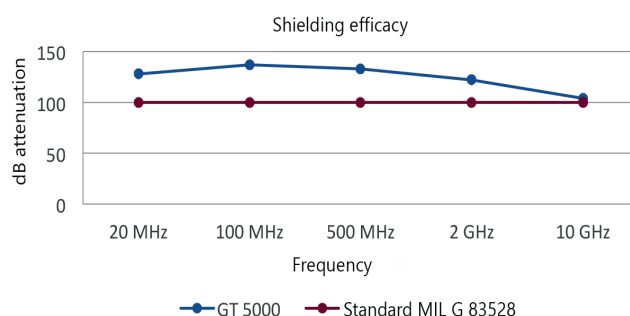
We protect your electronics

GT 5000

SILVER-PLATED ALUMINUM FILLED CONDUCTIVE SILICONE

- Low density
- Excellent high-frequency performance
- Compatible with most alloy
- Very stable at high temperature (200°C peak)

Properties	Standards - Test	GT 5000	Specification MIL G 83528
Type MIL G 83528		B	-
Elastomer		Silicone	-
Conductive filler		Silver-plated Aluminum	-
Volume resistivity ($\Omega \cdot \text{cm}$)	MIL G 83528	< 0.0054	0.008 maximum
Hardness (shore A)	ASTM D 2240	65	65 $\pm$ 7
Density (g/cm^3)	ASTM D 792 Method A	1.90	2.00
Break resistance (Mpa)	ASTM D 412 Method A C	1.89	1.38 Minimum
Elongation at break (%)	ASTM D 412 Method A C	286	100-300
Tear resistance (N/mm)	ASTM D 624 C	8.43	5.25 Minimum
Residual deformation after compression 70 hours at 100°C (%)	ASTM D 395 Method B	17.30	32 Maximum
Continuous operating temperature		-55°C to +160°C	-55°C to +160°C
Color		Grey / Beige	-



AVAILABLE FORMATS

- Molded
- Customized cutting
- Extruded
- Adhered by vulcanization
- Sheet
- Adhesive