

Data sheet Product WLF9 9825 R310



Accessories for electronic components>Thermal interface material>High thermoconducting graphite foils

- high-compressed anisotropic natural graphite
- very good thermal characteristics
- optimal for heat spreading
- high operating temperature range
- different material thicknesses and coatings upon request
- customer specified cuttings and stampings acc. to drawing

Features

material thickness:	0.25 mm
version:	graphite foil, electrically conductive
version:	ohne Haftbeschichtung
colour:	grey
hardness:	85 Shore A
thermal conductivity z (x/y):	8 (140) W/m·K
temperature range:	-240°C ... +350°C
volume resistance:	$11 \cdot 10^{-4} \Omega \cdot \text{cm}$
dielectric constant:	<0,001 [1 MHz]
class of inflammability:	UL 94 V-0
type of delivery:	<ul style="list-style-type: none"> • rolled goods, roll width 310mm • other dimensions upon request • sheet material auf Anfrage

Further Information

Thermal resistances vs. contact pressure / surface TO 220

pressure [psi]	10	29	145
thermal impedance WLF9813 (K) R310 [K-cm ² /W]	0.77	0.58	0.39
thermal impedance WLF9825 (K) R310 [K-cm ² /W]	1.55	1.00	0.64
thermal impedance WLF9850 (K) R310 [K-cm ² /W]	2.60	1.48	1.00

Thermische Widerstände vs. Anpressdruck

Druck [psi]	10	29	145
Thermische Impedance WLF9813 (K) R310 [K-cm ² /W]	0,77	0,58	0,39
Thermische Impedance WLF9825 (K) R310 [K-cm ² /W]	1,55	1,00	0,64
Thermische Impedance WLF9850 (K) R310 [K-cm ² /W]	2,60	1,48	1,00

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