

Data sheet Product WFQ 25



Accessories for electronic components>Thermal interface material>Silicone-free thermal conductive foils

- double-sided coated aluminium foil
- good replacement for thermal pastes
- electroconductive with wide temperature range
- low heat-transmission resistance between device and heatsink
- cuts and contours according to customer specific drawing specifications

Features

material thickness:	0.152 mm
version:	aluminium foil with double-sided coating
colour:	black
hardness:	93 Shore A
thermal conductivity:	2.5 W/m·K
temperature range:	-60°C... +180°C
volume resistance:	10 ² Ω·m
dielectric strength:	electrically conductive
class of inflammability:	UL 94 V-0
type of delivery:	<ul style="list-style-type: none"> • rolled goods, roll width 300mm • cuttings on customer's requirement

Further Information

Thermal resistances vs. contact pressure / surface TO 220

pressure [psi]	10	25	50	100	200
thermal resistance WFQ 25 [K/W]	2.44	1.73	1.23	1.05	0.92
thermal impedance WFQ 25 [K·cm ² /W]	3.25	1.88	1.38	0.94	0.75

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