



Features

Low thermal resistance
Natural tack

Applications

Schottky, SCR, Darlington Module

Properties

-  REACH Compliant
-  RoHS Compliant

Property	PC99AL	Unit	Test Method
Colour	Grey	-	Visual
Thickness	0.10	mm	ASTM D374
Total Mass Loss	<0.4	%	ASTM E595
Working Temperature	-30 to 125	°C	-
Operating Temperature	20 - 60	°C	-
Phase change Temperature	51	°C	-
Volume Resistance	>10 ²	Ohm-cm	ASTM D257
Dielectric Strength	No Insulation	VAC	ASTM D149
Thermal Conductivity	1.5	W/mK	ASTM D5470
Thermal Impedance @ 1mil BLT	0.23	°C in ² /W	ASTM D5470
Thermal impedance @ 2mil BLT	0.12	°C in ² /W	ASTM D5470
Thermal impedance @ 3mil BLT	0.10	°C in ² /W	ASTM D5470
Flammability Rating	V-0	-	UL94

Dimensions / mm							Ordering part number
A	B	C	D	E	F	G	
62	25.9	52.00	13	4.4			DC0039/01 - XXX - T
90	39.1	76.00	19.5	5.5			DC0039/02 - XXX - T
92.50	20.3	80	10.2	6.8			DC0039/03 - XXX - T
94	34	80	17	6.8			DC0039/04 - XXX - T
108	34	93	17	6.8			DC0039/05 - XXX - T
122	38.1	110	19	5.5			DC0039/06 - XXX - T