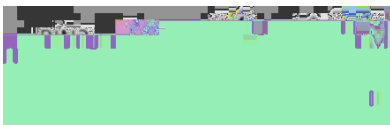
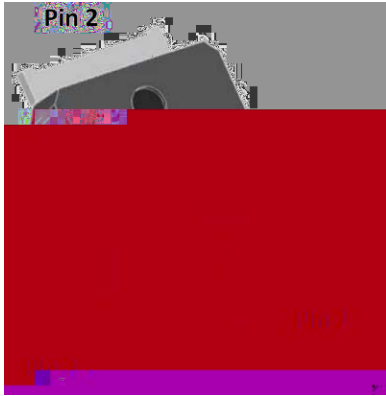




Silicon Carbide Schottky Diode

V_{RRM}	650V
I_F @ 135°C	22
Q_C	62nC



Mechanical Data

Package: TO-252

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free

Terminals: Tin plated

Polarity: As marked

Maximum Ratings (T_{ref} = 25°C unless otherwise specified)

$T_j = 25^\circ\text{C}$	V_M	V	650
Reverse voltage (DC) @ $T_j = 25^\circ\text{C}$	V	V	650
Continuous forward current @ $T_j = 25^\circ\text{C}$	A	A	22
Surge current (100µs)	A	A	128
Operating junction and Storage temperature range	T_j, T_{stg}	°C	-55 to +175



Electrical Characteristics

PARAMTETER		UNIT	TEST CONDITIONS	Typ.	Max.
Forward voltage drop	V_F	V	$I_F=20A, T_J=25^{\circ}C=20A, \bar{A}$	0	M

v2XWOLQH 'LPHQVLRQV

