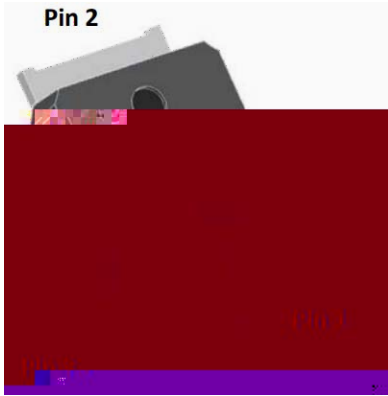




Silicon Carbide Schottky Diode

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 leads
- **Polarity:** As marked

■Maximum Ratings (T_a=25°C unless otherwise specified)

$T_j=25^{\circ}\text{C}$		V	
Reverse voltage (DC) @ $T_j=25^{\circ}\text{C}$		V	
Continuous forward current	25	A	
	I_F^2dt		128
Operating junction and Storage temperature range	T_j, T_{stg}	$^{\circ}\text{C}$	-55 to +175



■Electrical Characteristics

PARAMTETER	SYMBOL	UNIT	TEST CONDITIONS	Typ.	Max.
Forward voltage drop	V_F	V	$I_F=20A, T_j$		

v2XWOLQH 'LPHQVLRQV

