SKCD

SEMICELL CAL-DIODE

SKCD

I_F = A
V_{RRM} = V
Size: mm X mm
Package:

Features

Typical Applications

Absolute Maximum Ratings			
Symbol	**Conditions**	**Values**	**Units**
V_{RRM}	T_{vj} = °C, I_R = mA		V
$I_{F(AV)}$	, T_{vjmax} = °C		A
I_{FSM}	T_{vj} = °C,		A
	T_{vjmax} = °C,		A
T_{vjmax}			°C

Electrical Characteristics					
Symbol	**Conditions**	**min.**	**typ.**	**max.**	**Units**
I^2t	T_{vjmax},				A^2s
I_R	T_{vj} = °C, V_{RRM}				mA
	T_{vj} = °C, V_{RRM}				mA
V_F	T_{vj} = °C, I_F = A				V
	T_{vj} = °C, I_F = A				V
$V_{(TO)}$	T_{vj} = °C				V
r_T	T_{vj} = °C				mΩ

Dynamic Characteristics					
Symbol	**Conditions**	**min.**	**typ.**	**max.**	**Units**
t_{rr}	T_{vj} = °C, , V, A/µs				ns
	T_{vj} = °C, , V, A/µs				ns
Q_{rr}	T_{vj} = °C, A, V, A/µs				µC
	T_{vj} = °C, A, V, A/µs				µC
I_{rrm}	T_{vj} = °C, A, V, A/µs				A
	T_{vj} = °C, A, V, A/µs				A

Thermal Characteristics					
Symbol	**Conditions**	**min.**	**typ.**	**max.**	**Units**
T_{vj}					°C
T_{stg}					°C
T_{solder}	min				°C
T_{solder}	min				°C
					K / W

Mechanical Characteristics		
Parameter		**Units**
raster size		mm
Area total		mm^2
Chips / wafer		pcs
Anode metallisation		
Cathode metallisation		
wire bond		

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