

Maximum Ratings (Per Leg) @TA = 25°C unless otherwise specified

Single phase, half wave, 60Hz, resistive or inductive load.

For capacitance load, derate current by 20%.

Characteristic		Symbol	Value	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage		V _{RRM} V _{RWM}	200	V
DC Blocking Voltage		VRWIM	200	•
Average Rectified Output Current	Per Leg Total	Io	5 10	Α
Non-Repetitive Peak Forward Surge Current 8.3ms Single Half Sine-Wave Superimposed on Rated Load		I _{FSM}	80	А

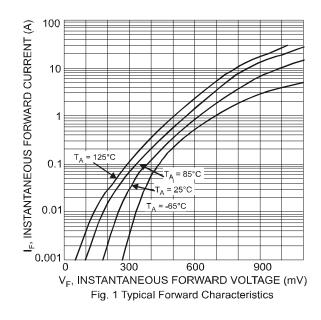
Thermal Characteristics (Per Leg)

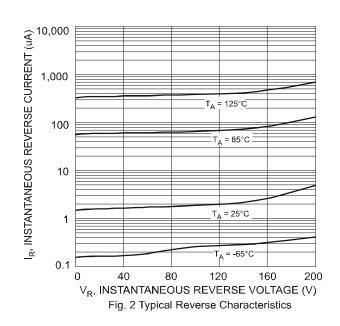
Characteristic	Symbol	Value	Unit
Maximum Thermal Resistance (per leg)	$R_{\theta JC}$	2	°C/W
Operating and Storage Temperature Range	T_J , T_{STG}	-65 to +175	°C

Electrical Characteristics (Per Leg) @TA = 25°C unless otherwise specified

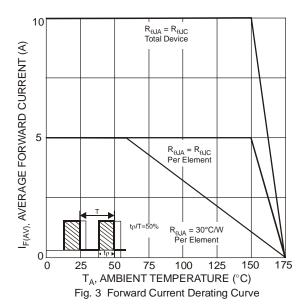
Characteristic	Symbol	Min	Тур	Max	Unit	Test Condition
Forward Voltage Drop (Per Leg)	V _F	-	0.85 0.69	0.92 0.74	\/	I _F = 5A, T _J = 25°C I _F = 5A, T _J = 125°C
Leakage Current (Note 4)	I _R	-	-	50	μА	V _R = 200V, T _J = 25°C
Loanago Garrent (Note 4)	יא	-	-	10		$V_R = 200V, T_J = 125^{\circ}C$
Reverse Recovery Time	t _{rr}	-	15	20	ns	$I_F = 1A$, $V_R = 30V$, $di/dt = 100A/\mu s$, $T_J = 25^{\circ}C$

Notes: 4. Short duration pulse test used to minimize self-heating effect.

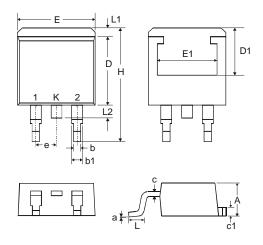






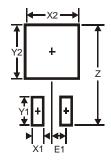


Package Outline Dimensions



D ² PAK				
Dim	Min	Max		
Α	4.07	4.82		
b	0.51	0.99		
b1	1.15	1.77		
С	0.356	0.58		
с1	1.143	1.65		
D	8.39	9.65		
D1	6.55	_		
Е	9.66	10.66		
E1	6.23	_		
е	2.54 Typ			
Н	14.61	15.87		
L	1.78	2.79		
L1	_	1.67		
L2	_	1.77		
а	0°	8°		
All Dimensions in mm				

Suggested Pad Layout



Dimensions	Value (in mm)
Z	16.9
X1	1.1
X2	10.8
Y1	3.5
Y2	7.01
E1	2.5



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