- 1.2kv schottky Rectifier
- Zero Reverse Recovery Current / Zero forward recovery
- High-Frequency Operation
- Temperature-Independent Switching Behavior
- Low forward voltage
- Positive Temperature Coefficient on V_F
- Increased Creepage/Clearance Distance

(bɑɪ ɬꞩ)

- Replace with nd Rectifiers
- Essential No Switching Losses
- High Efficiency
- Reduction A Heat Sink Requirements
- Parac Devices Without Thermac unaway N



(Tc = 25°C unless otherwise specified)

V_{RRM}	Repetitive Peak Reverse Voltage	1200	V	-
V_{RSM}	Surge Peak Reverse Voltage	1300	V	



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Datasheet

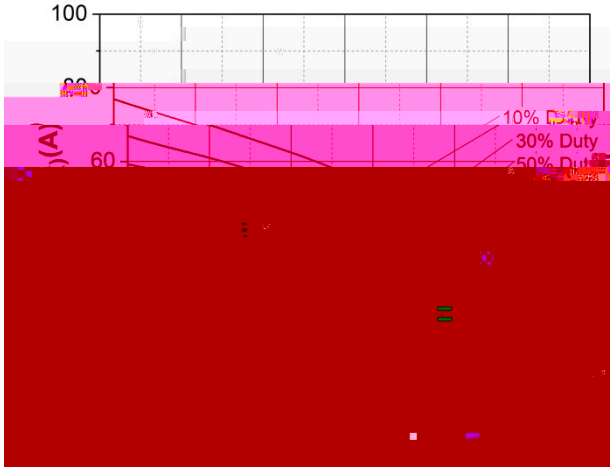


Figure 7. Current Derating

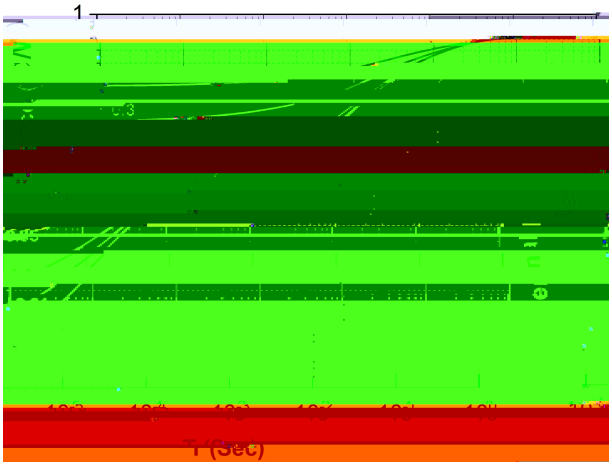
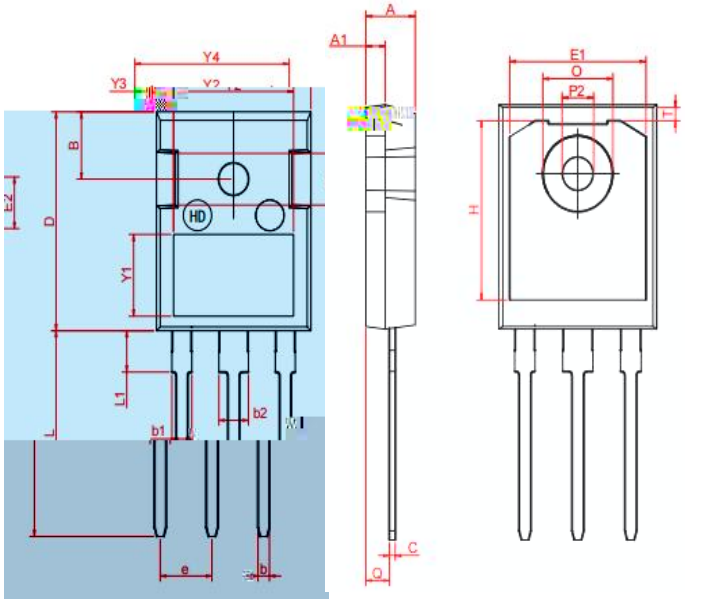


Figure 8. Transient Thermal Impedance

(TO-247-3L-A&TO-247-3L-B)



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	4.700	5.300	0.185	0.209
A1	1.700	2.300	0.067	0.091
C	0.450	0.750	0.018	0.030
Q	2.200	2.600	0.087	0.102
Q	7.100	7.400	0.280	0.291
P2	3.450	3.750	0.136	0.148
	19.000			

7. Except as otherwise explicitly approved by Sichain in a written document signed by authorized representatives of Sichain, Sichain' products may not be used in any applications where a failure of the product or any consequences of the use thereof can reasonably be expected to result in personal injury.

8. For use of our products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a Sichain representatives, for example but not limited to: transportation equipment,primary communication equipment,traffic lights,fire/crime prevention, safety equipment, medical systems, and power transmission systems.