

NTE5346 & NTE5348 Silicon Bridge Rectifier

Features:

- High Surge Current

Electrical Characteristics:

Maximum Repetitive Peak Reverse Voltage, P_{RV}	600V
Maximum DC Output Current ($T_C = +85^\circ\text{C}$), I_D	
NTE5346	80A
NTE5348	100A
Maximum Non-Repetitive Surge Current (1/2 Cycle, 60Hz), I_{TSM}	1500A
Maximum I^2t for Fusing ($t = 8.3\text{ms}$), I^2t	9350A ² sec
Maximum Voltage Drop (at 100A Peak), V_F	1.2V
Operating Junction Temperature Range, T_J	-40°C to 125°C
Maximum Thermal Resistance (Per Chip), Junction-to-Case, R_{thJC}	0.3°C/W
Isolation Voltage, V_{ISOL}	2500V _{RMS}

