



ELECTRONICS, INC.
 44 FARRAND STREET
 BLOOMFIELD, NJ 07003
 (973) 748-5089

**NTE5322W/NTE5324W/
 NTE5326W/NTE5327W/NTE5328W
 Silicon Bridge Rectifier, Single-Phase, 25 Amp**

Features:

- Superior Thermal Design
- Surge Overload Rating: 400A (Peak)
- Hole Through for #8 Screw
- Silverplated Copper Leads

Maximum Ratings & Electrical Characteristics Per Leg:

(T_A = +25°C unless otherwise specified, Single Phase, Full Wave, 60Hz, Resistive or Inductive Load.
 For Capacitive Load, Derate Current by 20%)

Maximum Recurrent Peak Reverse Voltage, P_{RV}

NTE5322W	200V
NTE5324W	400V
NTE5326W	600V
NTE5327W	800V
NTE5328W	1000V

Maximum RMS Bridge Input Voltage

NTE5322W	140V
NTE5324W	280V
NTE5326W	420V
NTE5327W	560V
NTE5328W	700V

Maximum DC Blocking Voltage

NTE5322W	200V
NTE5324W	400V
NTE5326W	600V
NTE5327W	800V
NTE5328W	1000V

Maximum Ratings & Electrical Characteristics Per Leg (Cont'd):

($T_A = +25^\circ\text{C}$ unless otherwise specified, Single Phase, Half Wave, 60Hz, Resistive or Inductive Load. For Capacitive Load, Derate Current by 20%)

Average Forward Current ($T_C = +75^\circ\text{C}$), $I_F (AV)$	25A
Maximum Peak Surge Current (8.3ms), I_{FSM}	300A
Maximum Instantaneous Forward Voltage Drop ($I_F = 12.5\text{A}$), V_F	1.2V
Maximum DC Reverse Current @ P_{RV} , I_R	
$T_A = +25^\circ\text{C}$	10 μA
$T_A = +100^\circ\text{C}$	1mA
Operating Temperature Range, T_J	-55° to $+125^\circ\text{C}$
Storage Temperature Range, T_{stg}	-55° to $+150^\circ\text{C}$

