NTE5322/NTE5324/
NTE5326/NTE5327/NTE5328
Silicon Bridge Rectifier, Single–Phase, 25 Amp

Features:

- Superior Thermal Design

- Surge Overload Rating: 400A (Peak)

- Hole Through for #8 Screw

- Silverplated Copper Terminals

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}
      NTE5322 . . . . 200V
      NTE5324 . . . . 400V
      NTE5326 . . . . 600V
      NTE5327 . . . . 800V
      NTE5328 . . . . 1000V

Maximum RMS Bridge Input Voltage
      NTE5322 . . . . 140V
      NTE5324 . . . . 280V
      NTE5326 . . . . 420V
      NTE5327 . . . . 560V
      NTE5328 . . . . 700V

Maximum DC Blocking Voltage
      NTE5322 . . . . 200V
      NTE5324 . . . . 400V
      NTE5326 . . . . 600V
      NTE5327 . . . . 800V
      NTE5328 . . . . 1000V

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

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

Average Forward Current ($T_C = +75°C$), $I_{F (AV)}$ 25A

Maximum Peak Surge Current (8.3ms), I_{FSM} 400A

Maximum Instantaneous Forward Voltage Drop ($I_F = 12.5A$), V_F 1.1V

Maximum DC Reverse Current @ P_{RV}, I_R
    $T_A = +25°C$ 10µA
    $T_A = +100°C$ 1mA

Operating Temperature Range, T_J .... −55° to +125°C

Storage Temperature Range, T_{stg} .... −55° to +150°C
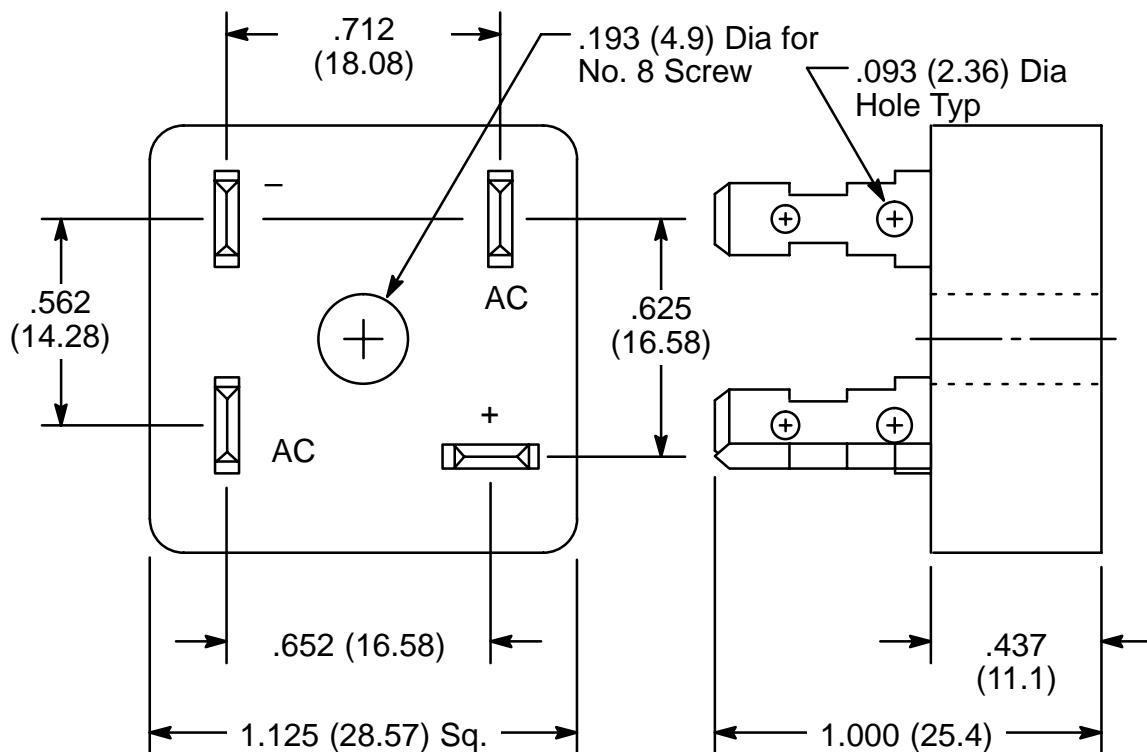
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