



SU FUTURO EN TECNOLOGIA

Circuitos Integrados * Semiconductores * Repuestos Industriales * Servicio Técnico * Instrumentación
Representantes exclusivos para el Ecuador de **KEPCO INC.** fabricantes de Fuentes de Poder

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Estimado cliente:

En las siguientes páginas encontrará la información solicitada por usted, confiamos son de utilidad.
Si necesita más detalles, por favor comuníquese conmigo hoy mismo.

Carlos Erazo
Gerente General



NTE6154 thru NTE6165 Silicon Industrial Rectifier, 150 Amp, General Purpose

Description:

The NTE6154 through NTE6165 power rectifiers are stud mounted DO8 type packages. Because the silicon junction is carefully fitted within a glass-to-metal hermetically sealed case, reliable operation is assured even with extreme humidity and under other severe environmental conditions.

These power rectifiers are ideal for a broad range of commercial uses including power supplies, ultrasonic systems, inverters, welders, emergency generators, battery chargers, DC motors, and motor controls.

Features:

- Standard DO8 Type Package
- Available in Standard (Cathode to Case) and Reverse (Anode to Case) Polarity
- Recommended Stud Mounting Torque: 120in. lbs. Lubricated.

Electrical Ratings:

Peak Reverse Voltage, P_{RV}	
NTE6154, NTE6155*	400V
NTE6156, NTE6157*	600V
NTE6158, NTE6159*	1000V
NTE6162, NTE6163*	1400V
NTE6164, NTE6165*	1600V
Maximum Forward Current Single Phase Half Wave ($T_C = +125^\circ\text{C}$), I_O	150A
Maximum Surge Current, Single Cycle, I_{FSM}	2100A
Maximum Forward Voltage Drop ($T_C = +25^\circ\text{C}$, $I_O = 200\text{A}$), V_F	1.1V
Maximum Reverse Current (FCA @ $+150^\circ\text{C}$), I_R	5mA
Maximum I^2t for Fusing (less than 8ms)	18200A ² Sec
Reverse Power for Bulk Available	1.0Joules
Storage Temperature Range, T_{stg}	-65° to $+200^\circ\text{C}$
Operating Temperature Range, T_{opr}	-65° to $+190^\circ\text{C}$
Maximum Thermal Impedance (Junction-to-Case)	0.35 $^\circ\text{C}/\text{W}$ Max

* Indicates Anode to Case polarity

