

HER1601PT - HER1608PT

16.0 AMPS. Glass Passivated High Efficient Rectifiers

TO-3P/TO-247AD

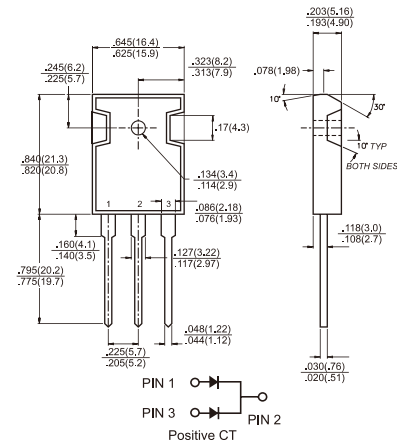


Features

- ✧ UL Recognized File # E-326243
- ✧ Dual rectifier construction, positive center-tap
- ✧ Plastic package has Underwriters Laboratory Flammability Classification 94V0
- ✧ Glass passivated chip junctions
- ✧ Superfast recovery time, high voltage
- ✧ Low forward voltage, high current capability
- ✧ Low thermal resistance
- ✧ Low power loss, high efficiency
- ✧ High temperature soldering guaranteed: 260°C, 0.16"(4.06mm) from case for 10 seconds
- ✧ Green compound with suffix "G" on packing code & prefix "G" on datecode.

Mechanical Data

- ✧ Cases: TO-3P/TO-247AD molded plastic
- ✧ Terminals: Pure tin plated, lead free, solderable per MIL-STD-750.Method 2026
- ✧ Polarity: As marked
- ✧ Mounting position: Any
- ✧ Mounting torque: 10in-lbs. Max.
- ✧ Weight: 5.6 grams



Dimensions in inches and (millimeters)



Marking Diagram

HER160XPT = Specific Device Code
G = Green Compound
Y = Year
WW = Work Week

Maximum Ratings and Electrical Characteristics

Rating at 25 °C ambient temperature unless otherwise specified.

Single phase, half wave, 60 Hz, resistive or inductive load.

For capacitive load, derate current by 20%

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Notes: 1. Pulse Test with PW=300 usec,1% Duty Cycle

2. Reverse Recovery Test Conditions: $I_F=0.5A$, $I_R=1.0A$, Recover to 0.25A.

3. Measured at 1 MHz and Applied Reverse Voltage of 4.0 Volts.

