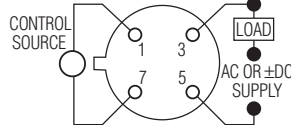
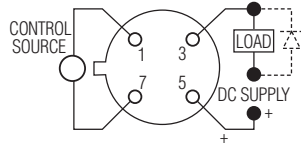


JTS5, 6, & 7 Series, DC & Bi-Directional Output, Up to 250mA & 250V Output Rating, TO-5 Package



Terminal View

Input Characteristics

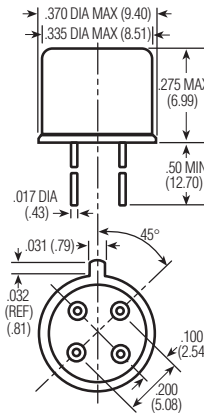
- Input Voltage Range** — 4.0 – 7.0 Vdc
- Maximum Turn-on Voltage** — 5.0 Vdc
- Minimum Turn-off Voltage** — 1.0 Vdc
- I/O Dielectric** — 1000 Vac pk-pk

Output Characteristics

- Max. Output Current (Continuous, 25°C)** — 50 mAac or mAdc (JTS5-1Y) 250 mAac (JTS6-1Y) 100 mAac (JTS7-1Y)
- Max. Output Voltage** — 40 Vac or Vdc (JTS5-1Y) 40 Vdc (JTS6-1Y) 250 Vdc (JTS7-1Y)
- Max. On-resistance** — 5 ohms (JTS5-1Y)
- Turn-on Time** — 10 µsec.
- Turn-off Time** — 15 µsec.

Environmental Characteristics

- Shock** — 1500 G's, 0.5 ms.
- Vibration** — 100 G's, 10 to 2000 Hz
- Operating Ambient Temperature** — -55 to +125°C

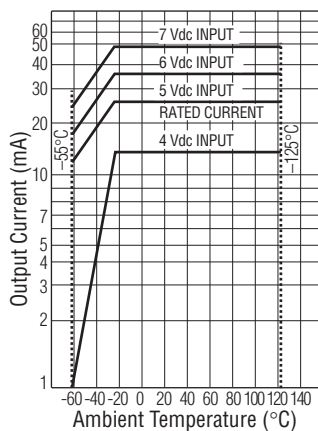


JTS5/JTS6/JTS7

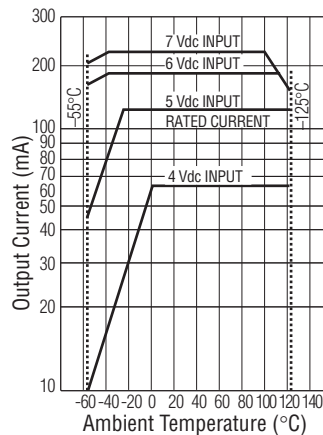
Product Facts

- Hermetically sealed TO-5 package
- Transformer coupled
- High speed switching
- JTS5-1Y switches AC or DC
- Qualified to M28750/5, 6, & 7

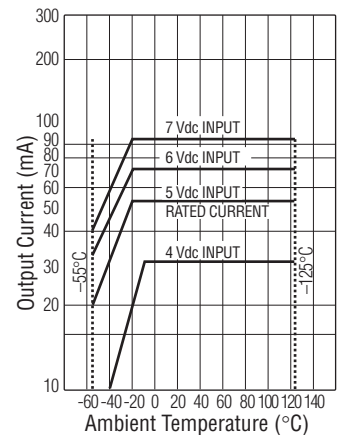
- Notes:** 1) Reversing polarity of input (or output except for JTS5-1) may cause permanent damage.
 2) Input must be a step function. Rise or fall time, as applicable, not to exceed 100 µsec.
 3) Inductive loads must be diode suppressed.
 4) For any control voltage, the maximum load current shown on graphs must not be exceeded. Attempting to draw currents in excess of those specified on graphs can cause permanent damage.



JTS5-1Y



JTS6-1Y



JTS7-1Y

Output Current Vs. Input Control Voltage and Ambient Temperature