

Micro-miniature Relay with 2.5 kV Surge Strength



CIT Relay & Switch introduced its J860 Series monostable, high dielectric relay with 2.5 kV surge strength that conforms to FCC Part 68. The J860 is DPDT with coil voltage choices of 3V, 4.5V, 12V and 24V DC. This relay measures in at 15.0 mm x 7.5 x 9.5 mm. The relay is UL/CUL recognized and RoHS compliant, featuring cadmium-free contacts. The 2 form C contacts are gold clad offering stable, low level signal switching. The J860 relay is epoxy sealed for automatic wave soldering and cleaning. The J860 has a maximum switching power of 60W; a maximum switching voltage of 250V AC, 220V DC; and a switching current of 2A. Electrical life at the rated load is 100k cycles and mechanical life is typically 100M cycles. With insulation resistance of 100 megohms minimum at 500V DC, the J860 offers coil-to-contact dielectric strength of 2500V rms minimum at sea level and contact-to-contact dielectric strength of 1500V rms minimum at seal level. Shock resistance is 750m/s² for 11 minutes and vibration resistance is 3mm double amplitude 10 to 40Hz. The copper alloy terminal strength is 5N.

CIT Relay & Switch

763-535-2339, www.citrelay.com [1]

Source URL (retrieved on 01/27/2015 - 11:54pm):

<http://www.ecnmag.com/product-releases/2008/02/micro-miniature-relay-25-kv-surge-strength>

Links:

[1] <http://www.citrelay.com/>