



DATE: October 22, 2007  
FOR IMMEDIATE RELEASE

### **CIT RELAY & SWITCH Offers J112 Series Relay, RoHS, High Sensitivity, Ultra-Thin for Compact Stacking**

**Minneapolis, Minnesota** – *CIT RELAY & SWITCH* introduces the RoHS compliant, 0.12 watt J112 Series Sub-Miniature relay. This UL/CUL certified relay offers SPST N.O. contact arrangements. The J112 is extremely narrow at 5.3mm, making it ideal for high density mounting. **Two** pin layout configurations are available on this versatile relay – The J112 offers 5.08mm spacing between terminal pin-out of the switch function with the J112K offering 7.62mm spacing. This relay has ultra low power consumption and offers very high sensitivity. Sealing is standard. The versatile J112 is available with 5 amp contact rating at 250VAC resistive or 30VDC resistive. Coil voltage options of 5VDC, 6VDC, 9VDC, 12VDC, 18VDC and 24VDC.

Technical Data: The electrical life at rated load of the J102 is typically 100K cycles with mechanical life of 10M cycles typically. Insulation resistance is 100M $\Omega$  minimum at 500VDC. Dielectric strength, coil to contact is 2000V rms minimum at sea level with contact to contact at 1000V rms minimum at sea level. The J112 offers shock resistance of 100m/s<sup>2</sup> for 11 minutes with vibration resistance of 1.50mm double amplitude 10~40Hz. The copper alloy terminal strength is 5N. The operating temperature of the J112 Series is -40°C to 85°C with a storage temperature of -40°C to 155°C. Solderability is 260°C for 5 seconds. The J112 measures in at 20.2mm x 5.3mm x 12.8mm and weights 3g.

The *CIT RELAY & SWITCH* J112 Series relay ideal for use in telecommunications, security, intercom, audio visual and control boards. Lead-time averages 5 to 6 weeks. Pricing starts at **\$0.78** in volume, dependent upon contact arrangement.

*CIT RELAY & SWITCH*, a division of Circuit Interruption Technology, Inc., manufactures a broad array of automotive, telecom, security, industrial and audio relays and switches in thru-hole, panel, and surface mount styles. *CIT RELAY & SWITCH* products are supported by a worldwide network of distributors and sales representatives. For more information about the *CIT RELAY & SWITCH* J112 Series Relay or any of the CIT relay or switch products, contact *CIT RELAY & SWITCH*, 1152 Highway 10 NE, Minneapolis, MN 55432. Phone: 763-535-2339, Fax: 763-535-2194, E-Mail: [sales@citswitch.com](mailto:sales@citswitch.com), Website: [www.citswitch.com](http://www.citswitch.com)

Direct Link: <http://www.citrely.com/Catalog%20pages/Relays/J112%20Catalog.pdf>

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