



## GENERAL CONTROL RELAY ETR JE SERIES

### ■ FEATURES

- Low coil power consumption 200mW.
- Dielectric Strength up to 4,000VAC.
- Low profile 10.5 mm.
- Clearance and creepage more than 5.0 mm.
- UL Class F insulation available.
- In accordance with IEC 60730-1.
- Halogen Free series available.
- Comply with RoHS and REACH regulations.
- Safety standard & File number: UL&C-UL E141060 / VDE 40013405

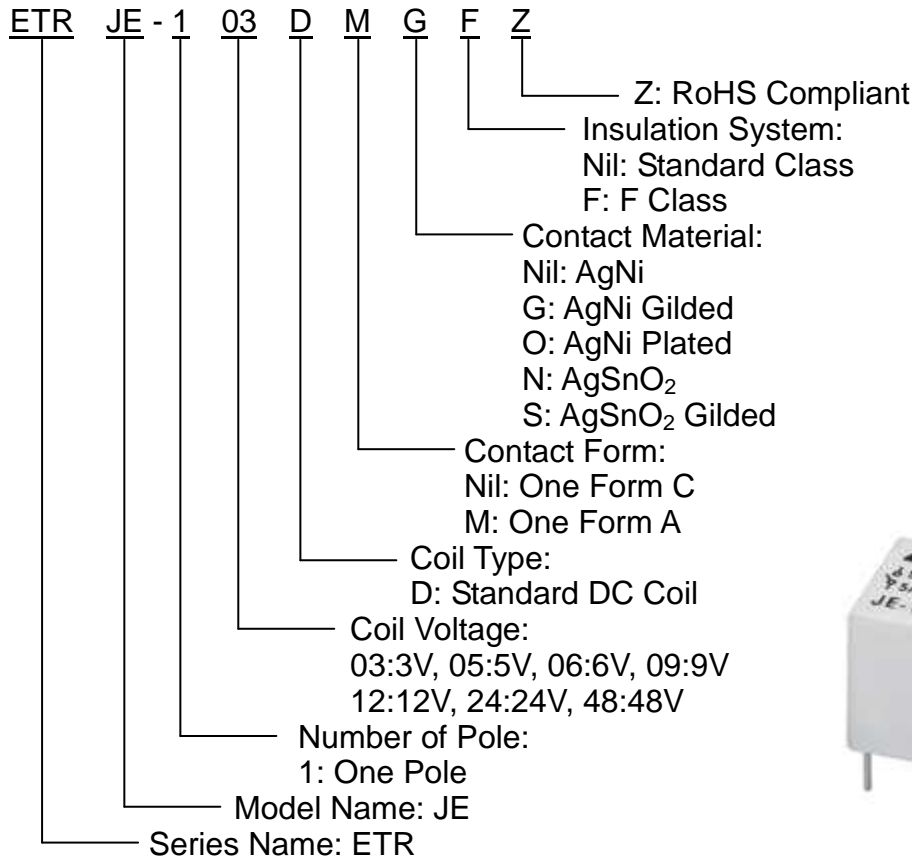
### ■ SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @1A,6VDC	
Contact Capacity	JE(D)	5 Amps at 250VAC Cosφ=1 5 Amps at 30VDC L/R=0
	JE(DM)	8 Amps at 250VAC Cosφ=1 8 Amps at 30VDC L/R=0
Operate Time	8m Sec. Max.	
Release Time	6m Sec. Max.	
Dielectric Strength	Between coil & Contact: 4000VAC at 50/60Hz for one minute Between Contacts: 1000VAC at 50/60Hz for one minute	
Insulation Resistance	100MΩ Min. at 500VDC	

### ■ COIL SPECIFICATION AT 20°C

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω±10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max. Allowable Voltage (VDC)
JE	3	66.7	45	Abt. 0.2	75% Max.	5% Min.	150%
	5	40.0	125				
	6	33.3	180				
	9	22.2	405				
	12	16.7	720				
	24	8.3	2,880				
	48	4.2	11,520				

## ■ PART NUMBER SYSTEM



\*Marking without: "ETR" & "Z".

## ■ DIMENSIONS (≤5mm±0.2mm, >5mm±0.3mm, the tolerance of PCB thru hole: +0.1mm)

