



**Rely on ECE's Relays,
and You Always Relax!**

GENERAL CONTROL RELAY ETR JQ SERIES

■ FEATURES

- Small size with slim width.
- SPST and SPDT Contact forms available.
- Contact Capacity is 10A.
- Surge Strength up to 8,000V.
- UL Class F insulation available.
- Halogen Free series available.
- Comply with RoHS and REACH regulations.
- Safety standard & File number: UL&C-UL E141060 / TUV R50008011 / VDE 40010922

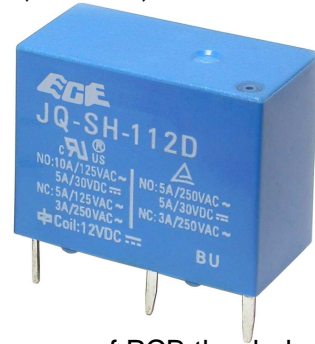
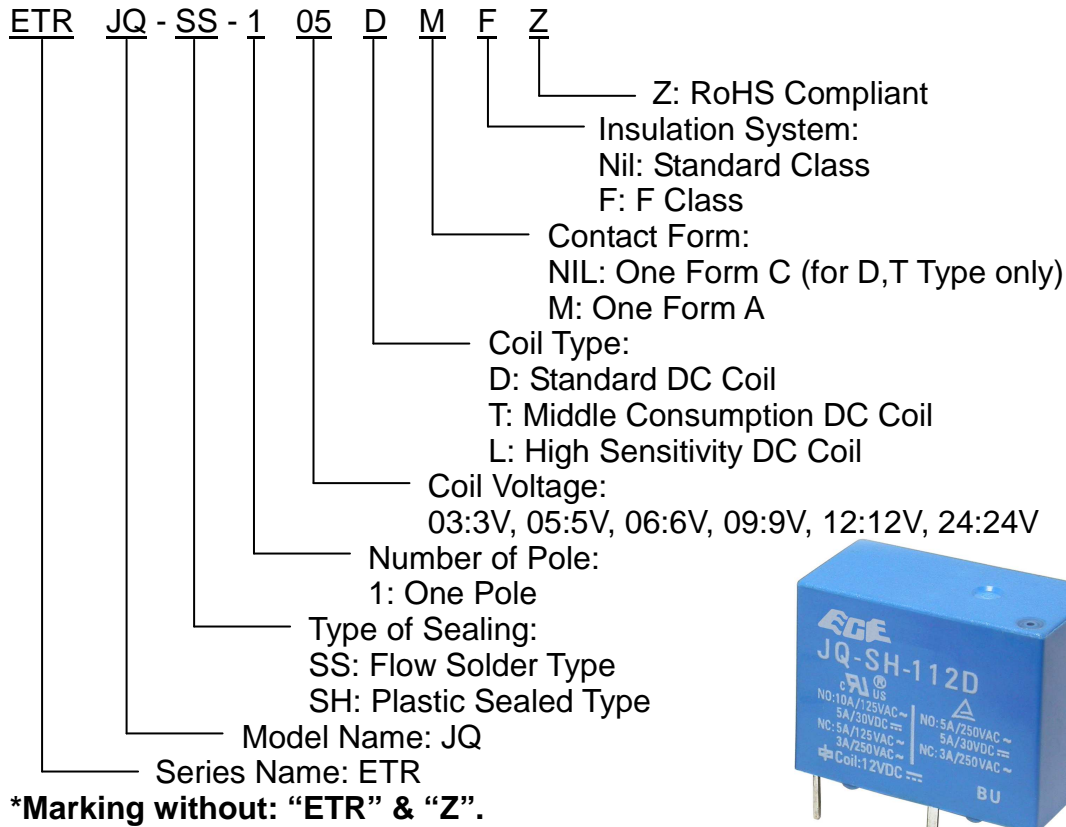
■ SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @1A,6VDC
Contact Capacity	10 Amps at 125VAC Cosφ=1 5 Amps at 250VAC Cosφ=1 5 Amps at 30VDC L/R=0
Operate Time	6m Sec. Max.
Release Time	2m 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)
JQ-D/DM	3	150	20	Abt. 0.45	75% Max.	5% Min.	120%
	5	91	55				
	6	75	80				
	9	50	180				
	12	37.5	320				
	24	18.8	1,280				
JQ-T/TM	3	133.3	22.5	Abt. 0.4	75% Max.	5% Min.	120%
	5	80	62.5				
	6	66.7	90				
	9	44.4	202				
	12	33.3	360				
	24	16.7	1,440				
JQ-LM	3	67	45	Abt. 0.2	75% Max.	5% Min.	120%
	5	40	125				
	6	33.3	180				
	9	22.5	400				
	12	16.7	720				
	24	8.3	2,800				

■ PART NUMBER SYSTEM



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

