



## GENERAL CONTROL RELAY ETR JMT SERIES

### ■ FEATURES

- Sugar cube relay with miniature size.
- TV-5 120VAC with low power consumption.
- Dielectric Strength between Coil & Contact 1,000VAC.
- Wash tight and flux proofed type available.
- Comply with RoHS and REACH regulations.

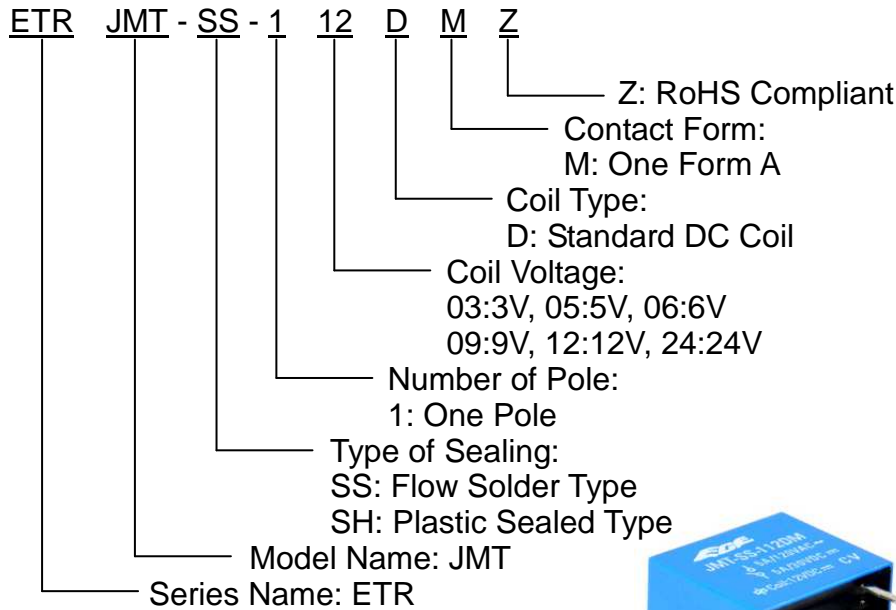
### ■ SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @1A,6VDC
Contact Capacity	5 Amps at 120VAC Cosφ=1 5 Amps at 30VDC L/R=0 TV-5, 120VAC
Operate Time	12m Sec. Max.
Release Time	6m Sec. Max.
Dielectric Strength	Between coil & Contact: 1000VAC at 50/60Hz for one minute Between Contacts: 500VAC at 50/60Hz for one minute
Insulation Resistance	100MΩ Min. at 500VDC

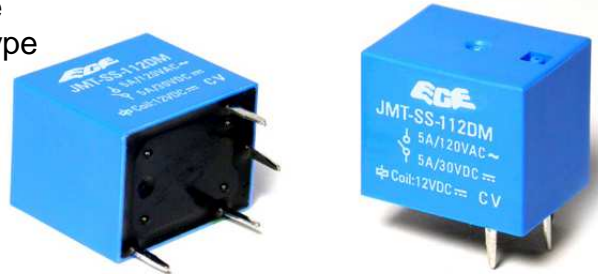
### ■ COIL SPECIFICATION AT 20°C

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)
JMT	3	180	16.7	Abt. 0.54	80% Max.	5% Min.	120%
	5	108	46.3				
	6	90	66.7				
	9	60	100				
	12	44.4	270				
	24	22.5	1,067				

## ■ PART NUMBER SYSTEM



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



## ■ DIMENSIONS ( $\leq 5\text{mm} \pm 0.2\text{mm}$ , $> 5\text{mm} \pm 0.3\text{mm}$ , the tolerance of PCB thru hole: $+0.1\text{mm}$ )

