



GENERAL CONTROL RELAY ETR SMIT SERIES

■ FEATURES

- 10A slim type relay for various applications.
- 6mm insulation distance with Surge Strength 7,000V.
- Double Insulation construction for high reliability.
- UL Class F insulation available.
- TV-5 120VAC certified.
- Halogen Free series available.
- Comply with RoHS and REACH regulations.

■ SPECIFICATIONS

Contact Resistance		Max. 100mΩ at initial value. @1A,6VDC
Contact Capacity	SMIT (DMR/LMR)	10 Amps at 250VAC Cosφ=1 10 Amps at 30VDC L/R=0 TV-5 120VAC
Operate Time		15m Sec. Max.
Release Time		10m Sec. Max.
Dielectric Strength		Between coil & Contact: 4000VAC at 50/60Hz for one minute Between Contacts: 900VAC at 50/60Hz for one minute
Insulation Resistance		100MΩ Min. at 500VDC

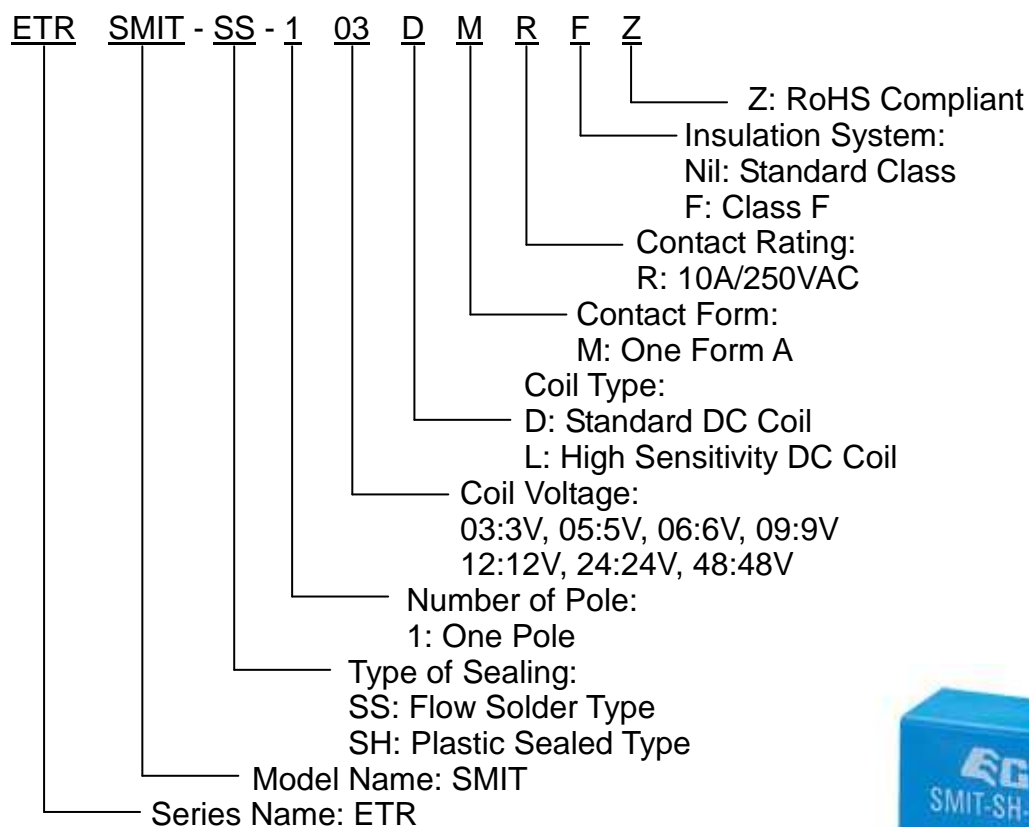
■ COIL SPECIFICATION AT 20°C

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)
SMIT-DMR	3	176.5	17	Abt. 0.54	80% Max.	5% Min.	120%
	5	106.4	47				
	6	88	68				
	9	58	155				
	12	44.4	270				
	24	21.8	1,100				
	48	11	4,400				



Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max. Allowable Voltage (VDC)
SMIT-LMR	3	83	36	Abt. 0.25	80% Max.	5% Min.	120%
	5	50	100				
	6	42	144				
	9	28	325				
	12	21	580				
	24	10.4	2,300				

■ 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: $+0.1\text{mm}$)

