



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

## TELECOMMUNICATION RELAY ETR AZ SERIES

### ■ FEATURES

- High reliability in dry circuit condition.
- 2.54mm terminal pitch employment equivalent to I.C. Terminal.
- Two types of coil sensitivity for design flexibility.
- IC compatibility due to its low power consumption.
- Comply with RoHS and REACH regulations.
- Safety standard & File number: UL&C-UL E141060 / TUV R50192493

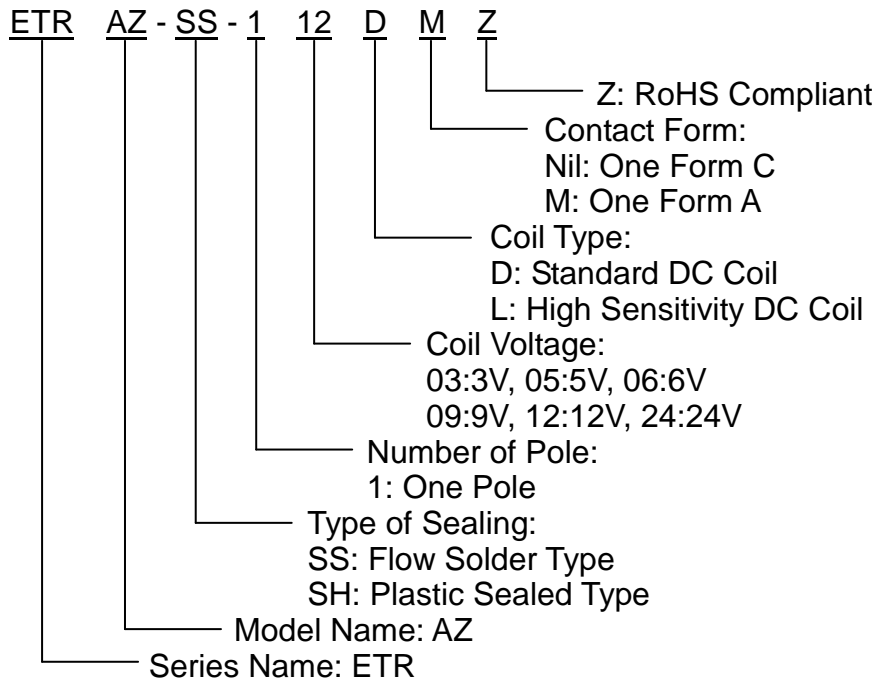
### ■ SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @100mA,6VDC
Contact Capacity	1 Amps at 120VAC Cosφ=1 1 Amps at 24VDC L/R=0
Operate Time	5m Sec. Max. (D Type) 10m Sec. Max. (L Type)
Release Time	4m Sec. Max.
Dielectric Strength	Between coil & Contact: 500VAC 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)
AZ-D	3	150	20	Abt. 0.45	70% Max.	5% Min.	130%
	5	89	56				
	6	75	80				
	9	50	180				
	12	37.5	320				
	24	18.8	1,280				
AZ-L	3	66.7	45	Abt. 0.20	75% Max.	5% Min.	130%
	5	40	125				
	6	33.3	180				
	9	22.5	400				
	12	17	700				
	24	8.6	2,800				

### ■ 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: $+0.1\text{mm}$ )

ETR AZ-SS/SH

