

## GENERAL CONTROL RELAY ETR RUUH/RUDH SERIES

### FEATURES

- High switching current up to 15A in small size.
- UL, CUL & TÜV safety standard approval.
- UL Class F insulation available.
- Highly adapt to harsh condition with high temperature and vibration.
- Halogen Free series available.
- Comply with RoHS and REACH regulations.
- Safety standard & File number:  
RUDH: UL&C-UL E141060 / TÜV R09352326  
RUUH: NIL

### SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @1A,6VDC	
Contact Capacity	RUUH	15 Amps at 120VAC Cosφ=1 15 Amps at 24VDC L/R=0
	RUDH	12 Amps at 120VAC Cosφ=1 12 Amps at 24VDC L/R=0
Operate Time	15m Sec. Max.	
Release Time	5m Sec. Max.	
Dielectric Strength	Between coil & Contact: 1500VAC at 50/60Hz for one minute Between Contacts: 750VAC 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)
RUUH RUDH	3	150	20	Abt. 0.45	75% Max.	5% Min.	130%
	6	75	80				
	9	50	180				
	12	37.5	320				
	24	18.7	1,280	Abt. 0.51	80% Max.		
	48	10.7	4,500				

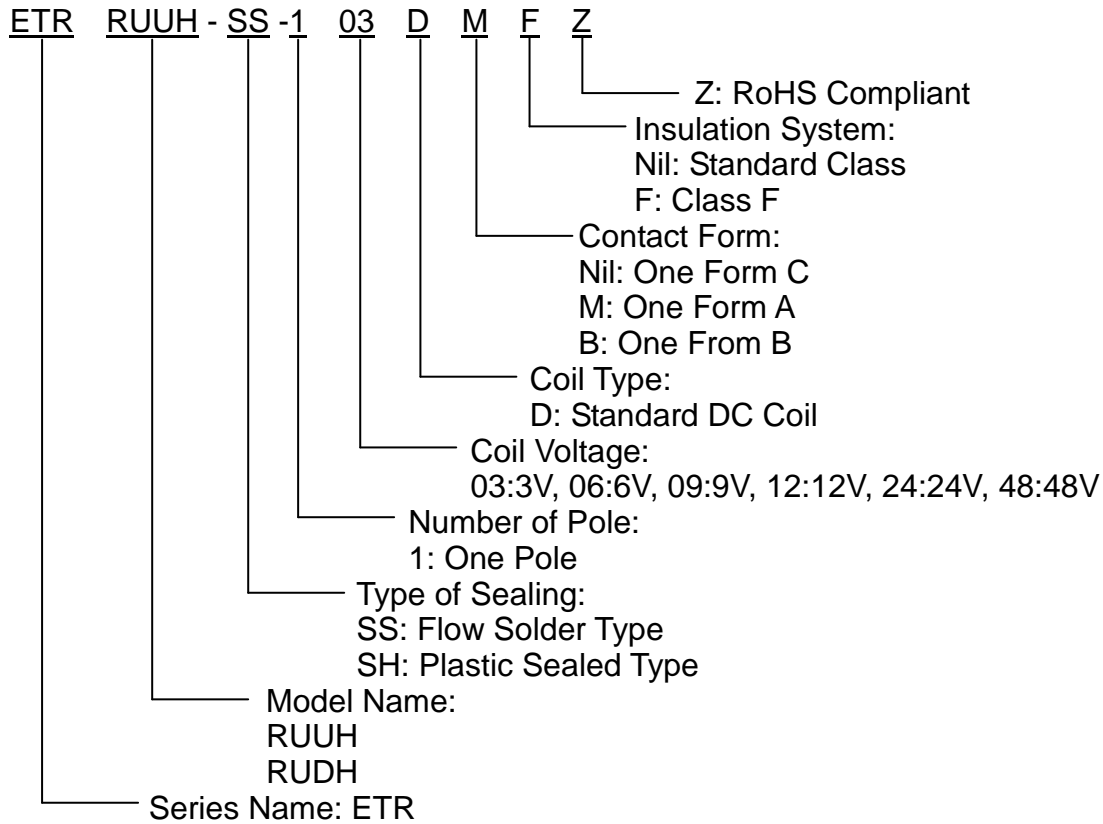
**ETR RUUH**



**ETR RUDH**



## ■ 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: $+0.1\text{mm}$ )

