



HOME APPLICATION RELAY

ETR GU(Quick Contact TAB) SERIES

FEATURES

- GU Single contact Form (SPST) series Relay offers switching capacity by 30A in small size for various kinds of applications.
- PC Board mounting & Quick Contact Terminals available.
- Flanged Cover can be fixed by screw or by snap-in mounting track.
- UL Class F insulation available.
- Comply with RoHS and REACH regulations.
- Safety standard & File number: UL&C-UL E141060 / TUV(12/24 DMQ only) R2057813

SPECIFICATIONS

Contact Resistance	Max. 100mΩ at initial value. @1A,6VDC	
Contact Capacity	GU(DM)	30 Amps at 240VAC Cosφ=1 30 Amps at 30VDC L/R=0
	GU(D)	NC: 20 Amps at 240VAC Cosφ=1 10 Amps at 30VDC L/R=0 NO: 30 Amps at 240VAC Cosφ=1 20 Amps at 30VDC L/R=0
	GU(D1)	NC: 10 Amps at 240VAC Cosφ=1 10 Amps at 30VDC L/R=0 NO: 20 Amps at 240VAC Cosφ=1 20 Amps at 30VDC L/R=0
Operate Time	15m Sec. Max.	
Release Time	10m Sec. Max.	
Dielectric Strength	Between coil & Contact: 1500VAC at 50/60Hz for one minute Between Contacts: 1500VAC at 50/60Hz for one minute	
Insulation Resistance	100MΩ Min. at 500VDC	

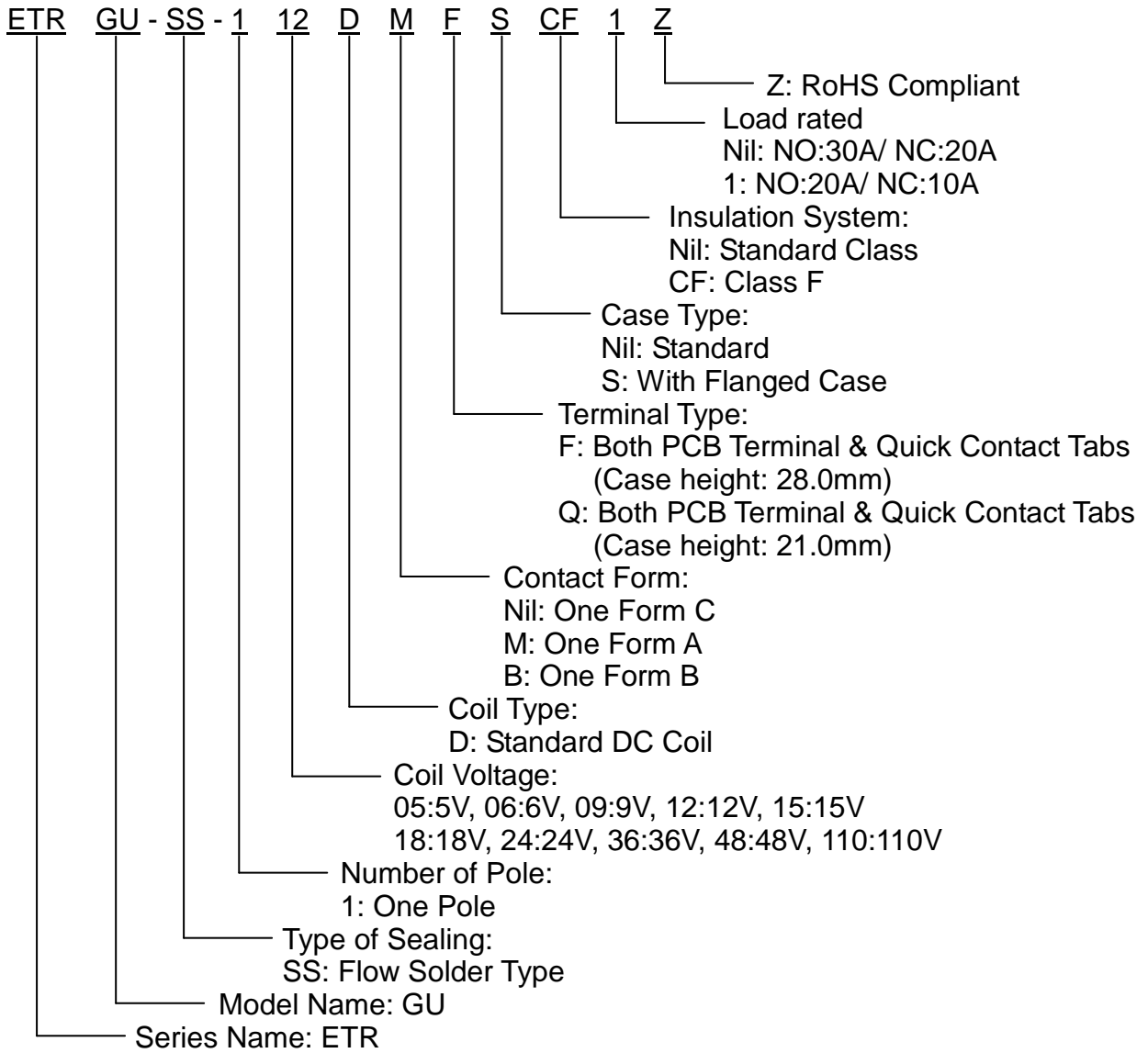
COIL SPECIFICATION AT 20°C

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)
GU	5	185	27	Abt. 0.93	80% Max.	5% Min.	150% (for short time carrying current)
	6	150	40				
	9	93	97				
	12	77	155				
	15	59	255				
	18	47	380				
	24	36	660				
	36	25.8	1,390				
	48	19.4	2,480				
110	8.5	13,000					



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

■ PART NUMBER SYSTEM



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

ETR GU-SS-112DF



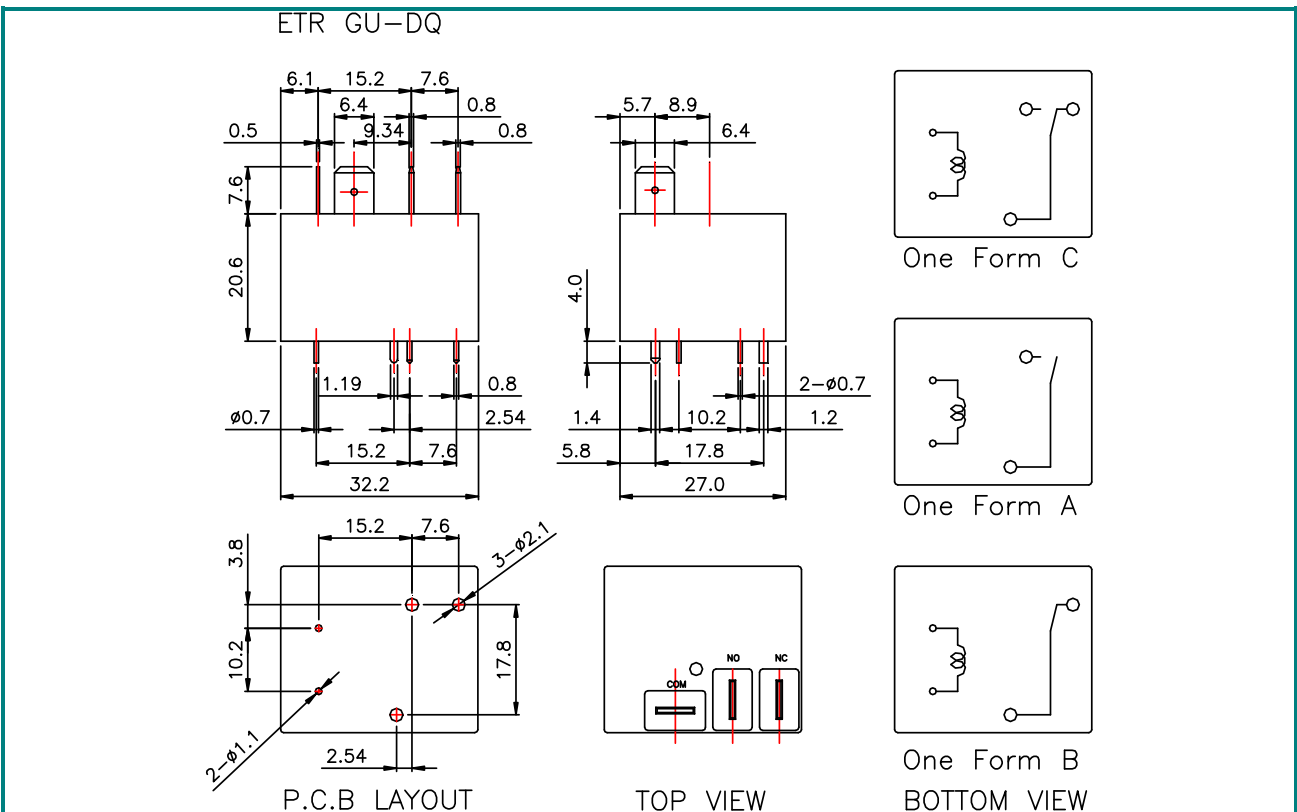
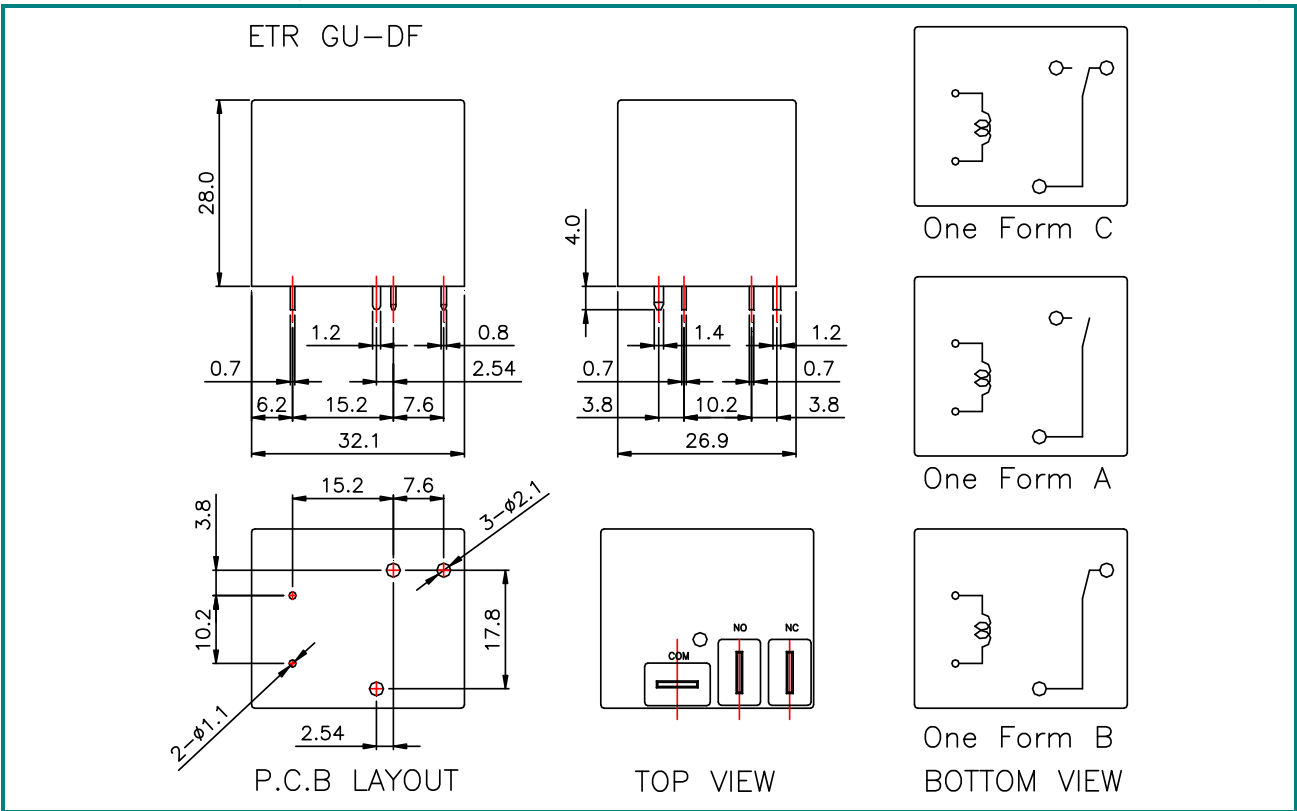
ETR GU-SS-112DQ



ETR GU-SS-112DFS



■ 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 GU-DFS

