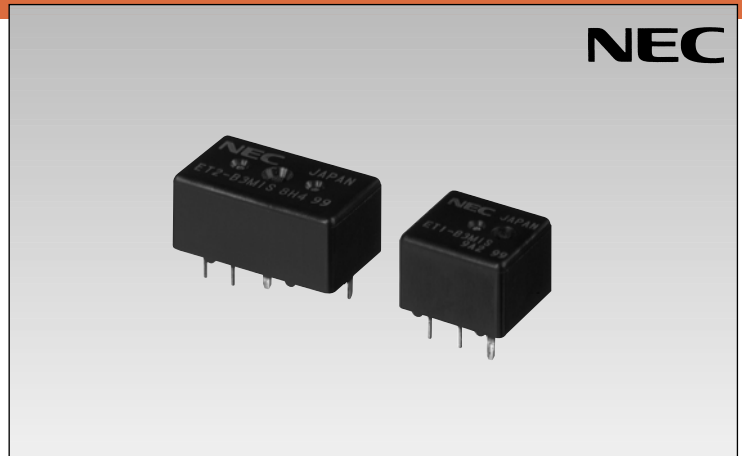
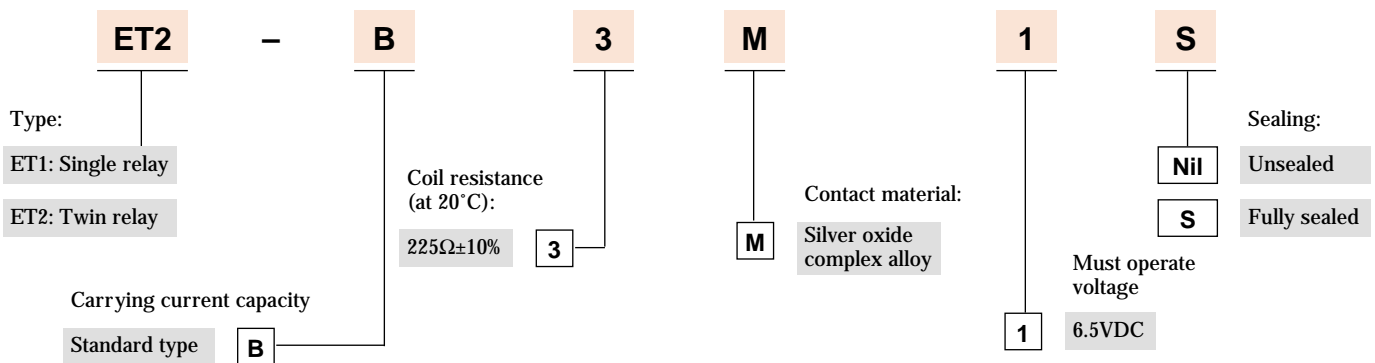


- 75% less relay space than conventional relay (EP2/EP1)
- Low profile
- High performance and productivity by unique symmetrical structure
- Fully sealed



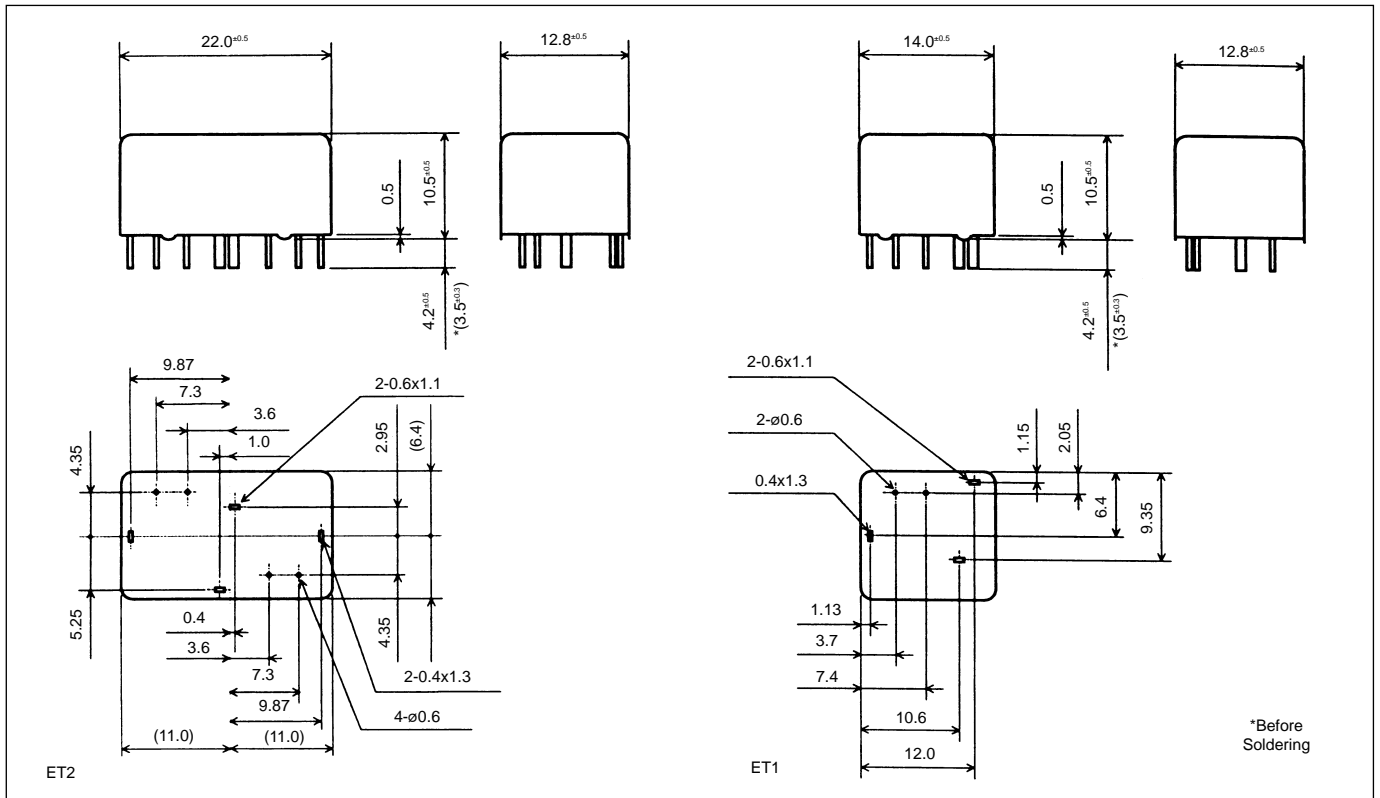
Options and ordering codes



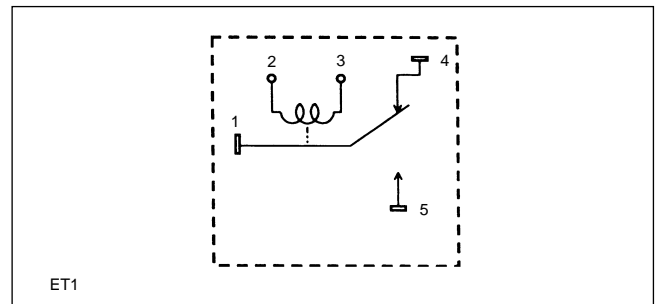
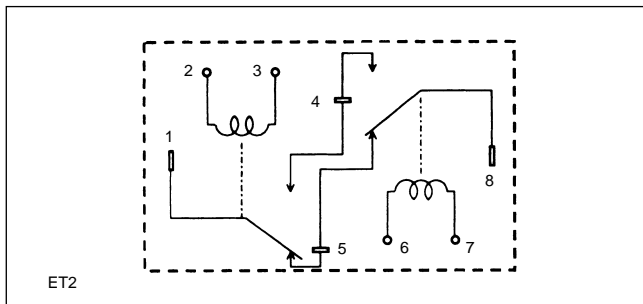
Specifications

Items		ET2	ET1
Contact form		2C (DPDT)	1C (SPDT)
Contact rating	Max. switching voltage	16VDC	
	Max. switching current	30A (at 16VDC)	
	Contact resistance	Typical 4mΩ initial (measured at 6VDC, 7A)	
Contact material		Silver oxide complex alloy	
Coil rating	Nominal voltage	12VDC	
	Coil resistance	225Ω±10%	
	Must operate voltage	6.5VDC	
	Must release voltage	0.9VDC	
Operate Time (excluding bounce)		10ms maximum (at nominal voltage) with diode	
Release time (excluding bounce)		10ms maximum (at nominal voltage) with diode	
Nominal operate power		640mW	
Insulation resistance		100MΩ at 500VDC	
Breakdown voltage	Between open contact	500VAC (for 1 minute)	
	Between contact and coil	500VAC (for 1 minute)	
Shock resistance		10G (misoperation), 100G (destructive failure)	
Vibration resistance		4.4G (misoperation) 4.4G, 200h (destructive failure)	
Ambient temperature		-40 to +85°C	
Coil temperature rise		70°C/W	
Life expectancy	Mechanical	1 x 10 ⁶ operations	
	Electrical P/W motor lock: 14VDC-20A	100 x 10 ³ operations	
Weight		Approximately 7.5g	Approximately 4.5g

Outline dimensions mm



Schematic: bottom view



PCB pad layout (mm) bottom view

