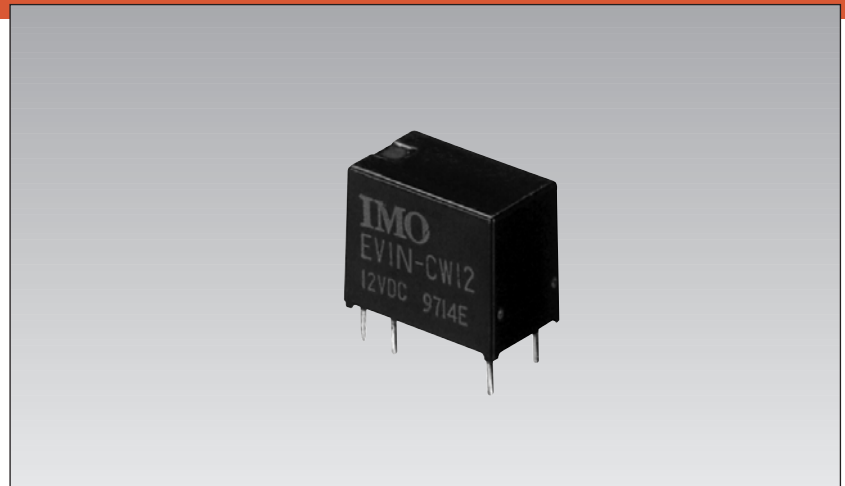
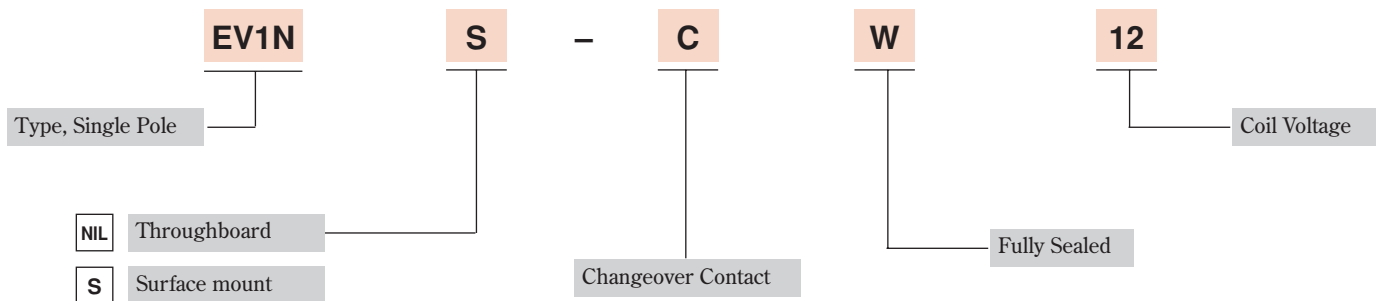


- 1 Form C (SPDT)
- Fully sealed for immersion cleaning
- Ultra Small Size
- High Coil Sensitivity 150-175mW
- UL/CUR recognised
- Surface Mount Version



Part Numbers



Specifications

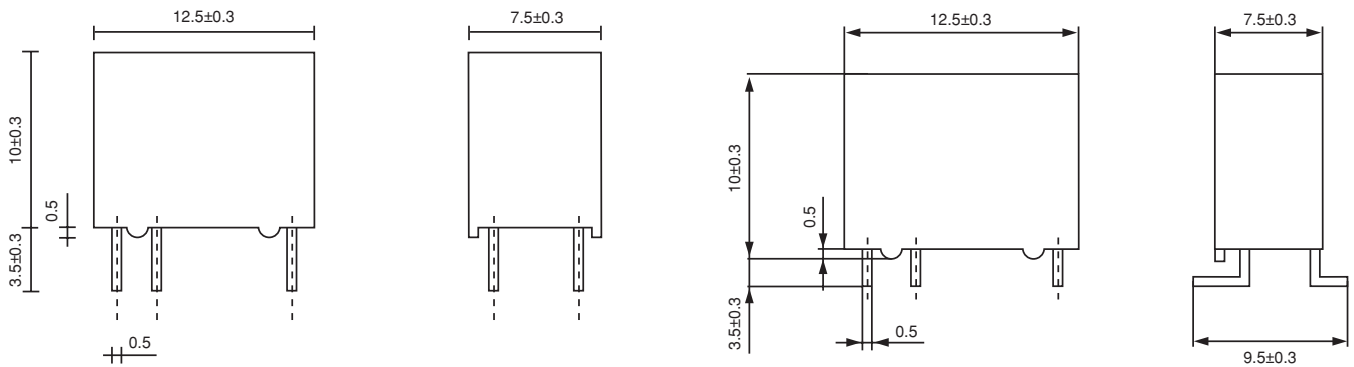
Contact form	1C
Initial contact resistance	100 mΩ
Max. (at 1A 6VDC)	
Contact material	Silver alloy (Au overlay)
Contact rating (resistive)	0.5A 125VAC/1A 30VDC
Max. switching voltage	125VAC/60VDC
Max. switching current	2A
Max. switching power	62.5VA/30W
UL/CUR rating	0.5A 125VAC 1A 30VDC 0.3A 60VDC
Expected life min. operations (mechanical)	1 x 10 ⁷ ops (300 ops/min)
Expected life min. operations (electrical)	1 x 10 ⁵ ops (30 ops/min)
Initial insulation resistance	1000MΩ 500VDC
Dielectric strength between coil and contacts	1000VAC 1 min
Dielectric strength between open contacts	4000VAC 1 min
Operate time (at nom. V)	5ms
Release time (at nom. V)	5ms
Bounce time (at nom. V)	5ms
Shock resistance	100m/s ²
Vibration resistance	10 to 55Hz 3.3mm
Humidity	35% to 85%
Ambient temp.	-30°C to 70°C
Construction	Sealed
Weight	2.2g

Coil specification

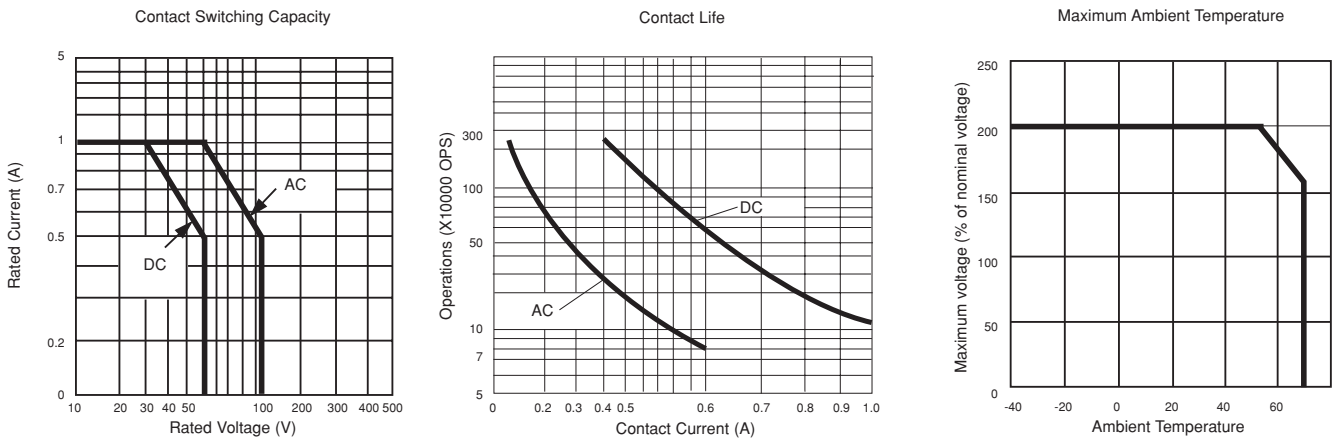
Nominal Coil Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Current mA	Coil Resistance (at 20°C) Ω
1.5	1.2	0.15	100	15±10%
3	2.4	0.3	50	60±10%
5	4	0.5	29.9	167±10%
6	4.8	0.6	25	240±10%
9	7.2	0.9	16.7	540±10%
12	9.6	1.2	12.5	960±10%
24	19.2	2.4	6.25	3840±15%

Maximum allowable coil voltage: 160% nominal voltage at 60°C, 150% nominal voltage at 70°C

Dimensions mm



Characteristics Curve



PCB Layout

