

FEATURES

- Small size
- Ambient temperature: 1A & 1C - 105°C ,
- Heavy contact load rating current up to 30A

CONTACT DATA

Contact form	1A, 1C
Contact resistance (Initial)	$\leq 100\text{m}\Omega$ (at 1A 6VDC)
Contact rating Resistive – 1A 1C	30A/14VDC; NO: 30A/14VDC NC: 25A/14VDC
Max. switching current	On 40A, Off 30A
Max. switching power	320W
Max. switching voltage	24VDC
Contact material	AgSnO ₂ / AgNi

CHARACTERISTICS

Insulation resistance	1000M Ω min (at 500VDC)
Dielectric strength	50Hz 500V between contact and coil 50Hz 500V between contacts
Operate time	≤ 3 ms
Release time	≤ 1.5 ms
Shock resistance	300m/s ² , 6ms
Vibration resistance	10-500Hz double amplitude 1.27mm 60m/s ²
Relative humidity	20~50% (at 20°C)
Ambient temperature	1A & 1C: - 40 to 105°C
Life expectancy - Electrical - Mechanical	10 ⁵ (at 20A) 10 ⁷

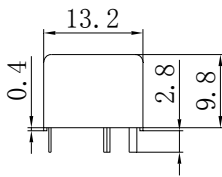
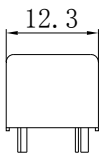
COIL SPECIFICATION

Nominal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance ($\Omega \pm 10\%$)	Power consumption (W)
			1A & 1C	1A & 1C
6	3.45	0.6	45	0.8
12	6.9	1.2	180	0.8
24	13.8	2.4	720	0.8
6L	3.45	0.6	63	0.57
12L	6.9	1.2	254	0.57
24L	13.8	2.4	1011	0.57

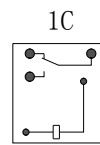
ORDERING INFORMATION

<u>MEA6</u>	-	<u>012</u>	-	<u>1H</u>	<u>L</u>	<u>S</u>	<u>N</u>
Model No.	Coil Voltage		Contact Form	Power Consumption	Protection		Contact Material
MEA6	6VDC,12VDC,24VDC		1H: 1A 1Z: 1C	Nil: 0.8W L: 0.57W	Nil: Dust Cover S: Sealed type		Nil: AgSnO ₂ N: AgNi

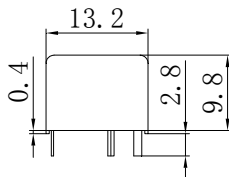
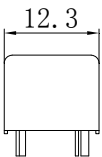
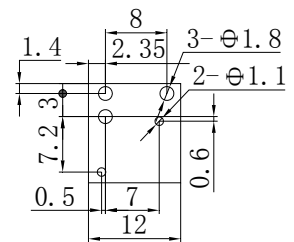
Dimensions(unit:mm) Tolerance:±0.5mm



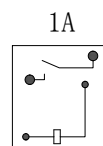
Bottom View



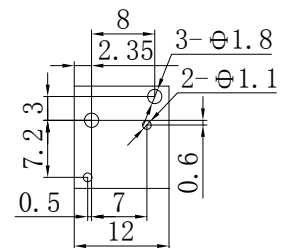
PCB Layout



Bottom View



PCB Layout



Disclaimer: All the specifications are subject to change without notice.