

CMA512/522 Relay



1.COIL DATA

1-1.Nominal Voltage	6,9,10,12VDC
1-2.Coil Restistance	Refer to Coil Data Chart
1-3.Operate Voltage	Refer to Coil Data Chart
1-4.Release Voltage	Refer to Coil Data Chart
1-5.Coil Power	600mW、800mW

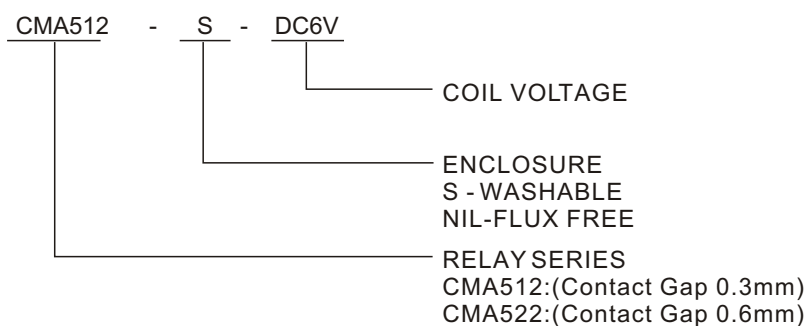
2.CONTACT DATA

2-1.Contact Form	1CX2-1 form CX2
2-2. Contact clearance	CMA512:(Contact clearance 0.3mm) CMA522:(Contact clearance 0.6mm)
2-3.Contact Material	Ag Aulloy
2-4.Contact Rating	15A 14VDC Resistive
2-5.Max.Carrying Current	35A/10min.25A/1 Hr
2-6.Max.Switching Load	35A
2-7.Min.Switching Load	6VDC 1A
2-8.Max.Inrush Current	60A
2-9.Contact Resistance	Max 50mΩ .(6VDC 1A)
2-10. Life	
Electrical	100,000 operations
Mechanical	10,000,000 operations

3.GENERAL DATA

3-1.Insulation Resistance	Min.100MΩ 500VDC
3-2.Dielectric Strength	500VAC,1min between open contacts 500VDC,1min between coil and contacts
3-3.Operate Time	Max.10ms
3-4.Release Time	Max.5ms
3-5.Operate Temperature	-30 ~+85°C
3-6.Shock Resistance	100m/s ²
3-7.Vibration Resistance	10 -55Hz (Amplitude 1.5mm)
3-8.Weigh	Approximately 12g

4. ORDER CODE

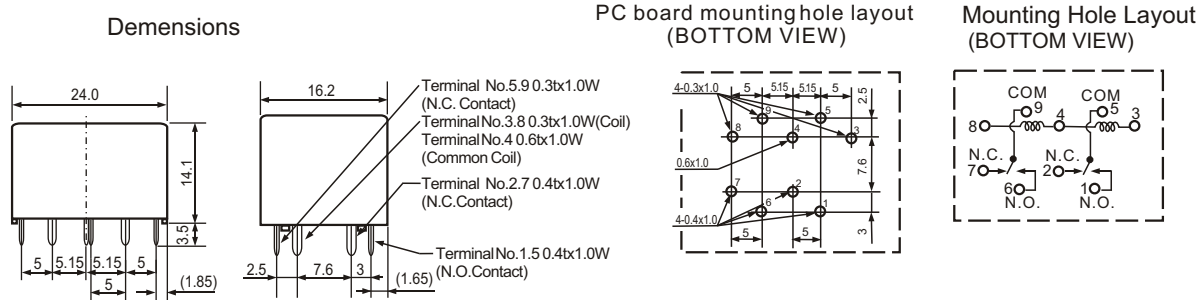


5.COIL DATA CHART

20°C

Model	Nominal Voltage VDC	Coil Resistance Ω $\pm 10\%$	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power mW
CMA512-(S)-DC6V	6	60	3.6	0.6	600
CMA512-(S)-DC9V	9	135	5.4	0.9	
CMA512-(S)-DC10V	10	167	6.3	1.0	
CMA512-(S)-DC12V	12	240	7.3	1.2	
CMA522-(S)-DC6V	6	45	3.6	0.6	800
CMA522-(S)-DC9V	9	100	5.4	0.9	
CMA522-(S)-DC10V	10	125	6.3	1.0	
CMA522-(S)-DC12V	12	180	7.3	1.2	

6.DIMENSIONS(mm)



7.CMA512/522 CHARACTERISTIC CHART DATA

