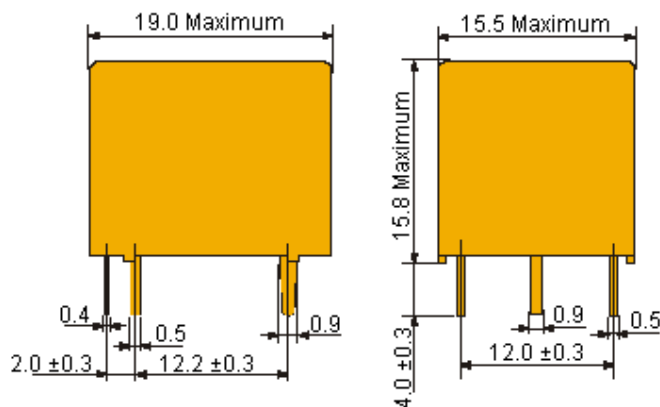


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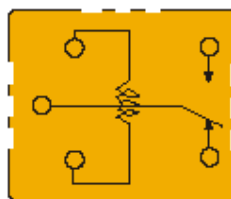
Relay



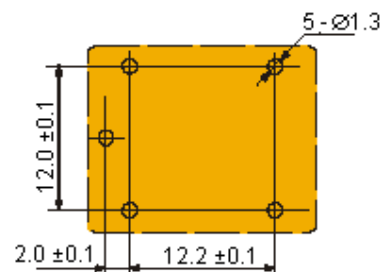
Outline Dimensions



Wiring Diagram



Mounting Hole Layout



Dimensions : Millimetres

Specifications:

Coil Data:

Nominal voltage : 5, 12, and 24 V dc.

Contact Data:

Contact form : 1 form C.
Contact material : Ag alloy.
Contact rating (resistive) : 10A 250V ac/30V dc.
Maximum switching voltage : 250V ac/30V dc.
Maximum switching current : 10A.
Maximum switching power : 2500VA, 300W.
Minimum switching load : 5V dc, 100mA.
Maximum contact resistance : 100mΩ (6V dc 1A).

Life:

Electrical : 100,000 operations.
Mechanical : 10,000,000 operations.

General Data:

Minimum insulation resistance : 1000MΩ, 500V dc.
Dielectric strength : 1000V ac, 1 minute between open contacts.
2500V ac, 1 minute between coil and contacts.
6000V ac surge voltage between contact to coil (1.2/50μS).

Maximum operating time : 10ms.

Maximum release time : 5ms.

Operating temperature : -40 to +85°C.

MCHRS4F

Relay



Specifications:

Shock Resistance:

Endurance : 1000m/s².
Misoperation : 100m/s².

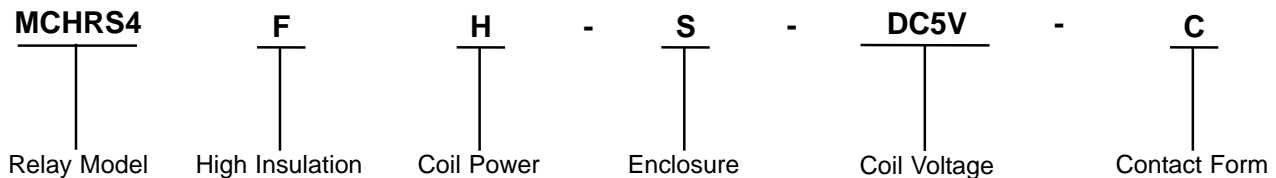
Vibration Resistance:

Endurance : 10 to 55Hz, 1.5mm double amplitude.
Misoperation : 10 to 55Hz, 1.5mm double amplitude.
Humidity : 35% to 95%RH, +40°C.

Coil Data Chart : 23°C

Nominal Voltage (V dc)	Coil Resistance ($\Omega \pm 10\%$)	Operate Voltage ($\leq V$ dc)	Release Voltage ($\geq V$ dc)	Coil Power (mW)	Part Number
5	70	3.5	0.5	360	MCHRS4FH-S-DC5V-C
12	400	8.4	1.2		MCHRS4FH-S-DC12V-C
24	1600	16.8	2.4		MCHRS4FH-S-DC24V-C

Part Number Explanation:



Coil Power : H = 360mW.
Enclosure : S = Plastic Sealed Type.
Coil Voltage : DC5V = 5, DC12V = 12 and DC24V = 24.
Contact Form : C = 1 Form C.

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