

M10L

PIC RELAY

FEATURES

Miniature heavy duty relay (12.3mm height)

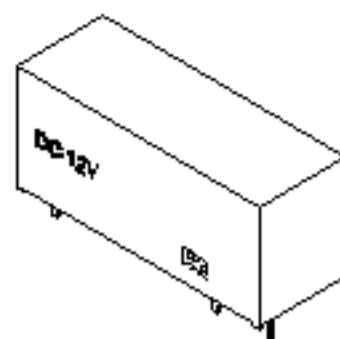
8A switching capabilities

Dielectric strength 500Vrms

Isolation spacing greater than 8mm

Dust cover or sealed type

 Pending



SPECIFICATIONS

COIL RATING

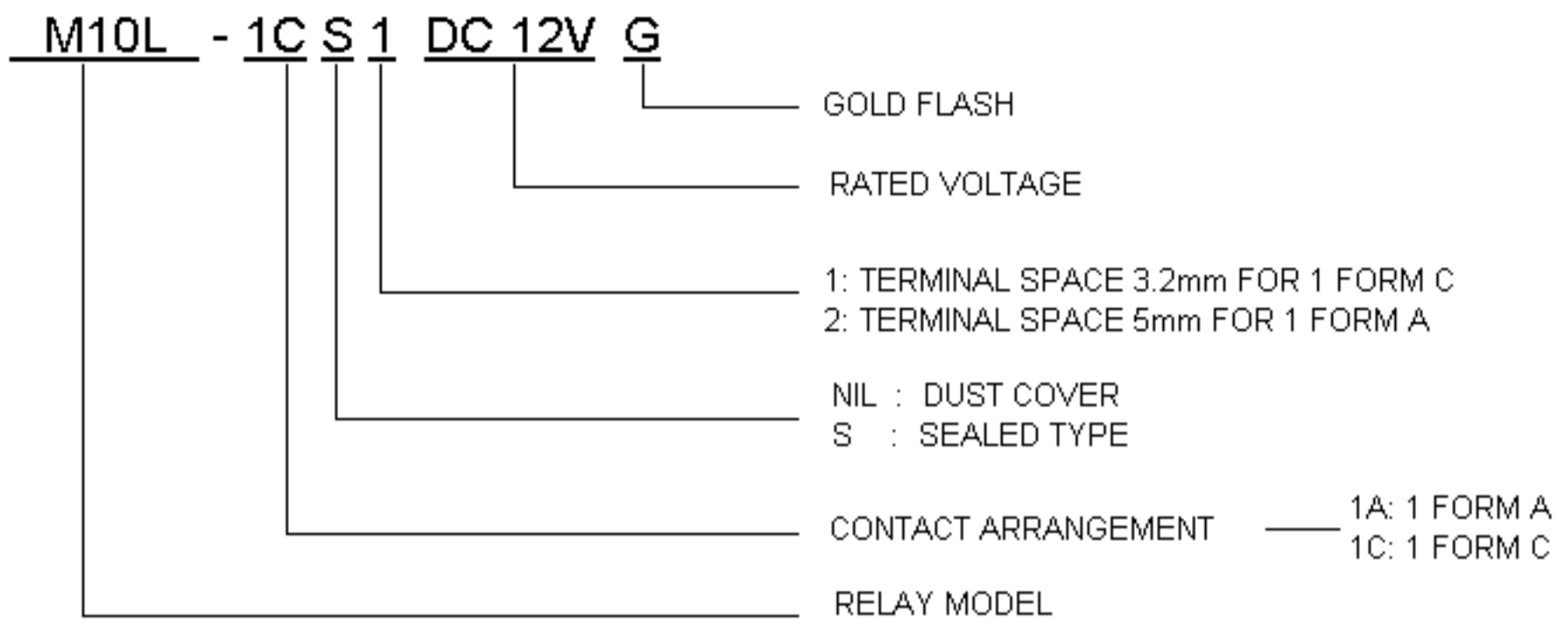
RATED VOLTAGE (V DC)	COIL RESISTANCE $\Omega \pm 10\%$	RATED CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
			% OF RATED VOLTAGE (At +20 °C)			
5	113	44	75 Max.	10 Min.	130	0.25 Approx.
6	164	36.7				
9	360	25				
12	617	19.3				
24	2350	10.2				
48	9600 $\pm 15\%$	5				
60	12500 $\pm 15\%$	4.8				

CHARACTERISTICS

Contact Arrangement	SPST(1 Form A), SPDT(1 Form C)
Contact Material	Silvery Alloy
Contact Resistance	100m Ω Max (Measured at 1A 6VDC)
Contact Rating (Resistive Load)	8A 250VAC 5A 30VDC
Switching Voltage	125VDC/ 440VAC
Operate Time	7ms Max.
Release Time	3ms Max.
Insulation Resistance	1000M Ω Min. (500V DC)
Shock Resistance	100m/s ²
Dielectric Strength	1000V AC(50Hz/min.) Between open contacts 5000V AC(50Hz/min.) Between coil and contact
Ambient Temperature	-40°C to +70°C
Humidity	35 - 85% RH
Operation Life	Mechanical : 3 x 10 ⁷ (72000 Ops/hr) Electrical : 1 x 10 ⁵ (At rated load) (360 Ops/hr) : 3 x 10 ⁴ (At 8A 28VDC)
Weight	8.2g Approx.

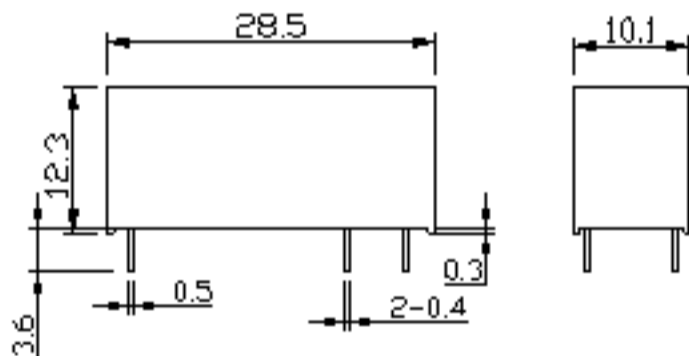
[Specifications are subject to change without notices.]

ORDERING INFORMATION

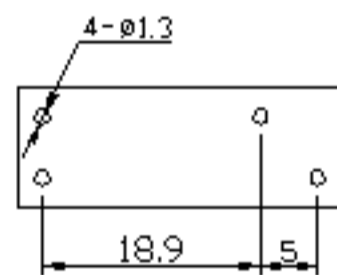


DIMENSIONS (UNIT:mm)

1 FORM A



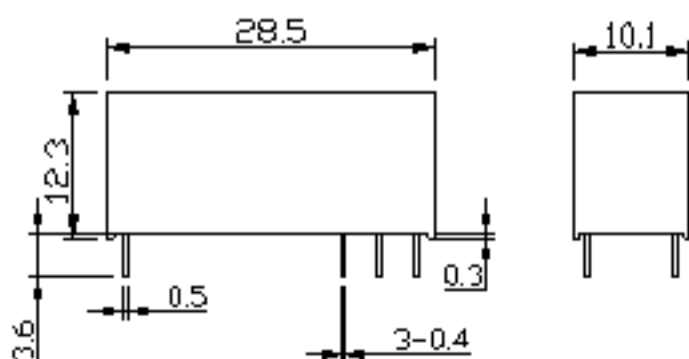
MOUNTING HOLES



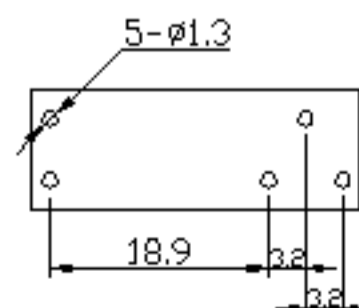
TERMINAL ARRANGEMENT (BOTTOM VIEW)



1 FORM C



MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)

