



# O/E/N 40

## DUAL MINI RELAY



### FEATURES

- Small Size (18.2 x 17.4 x 13.8)
- 20 A Switching Capacity
- 2 Separate Systems
- PCB Mountable
- Sealed

### APPLICATION

- Window Motors
- Seatbelt pretensioner
- Sunroof Motors
- Seat Adjustment Motors
- Door Locking Systems
- Immobilizers

### TECHNICAL DATA FOR CONTACT SIDE :

#### Areas of Application

Contact Configuration	:	
Contact Material	:	
Contact Rating at 23°C - 12VDC (Res.)	:	
Electrical Life Operations Min.	:	
Mechanical Life Operations Min.	:	
Contact Voltage Drop at 10 A (Min)	:	
Maximum Switching Current @ 12.8 VDC For 3 Sec.	:	

#### RESISTIVE / INDUCTIVE LOAD

2 x 1C
Silver Alloy
20A / 10A
1 x 10 <sup>5</sup>
1 x 10 <sup>6</sup>
30mV
35A

### GENERAL DATA FOR COIL SIDE

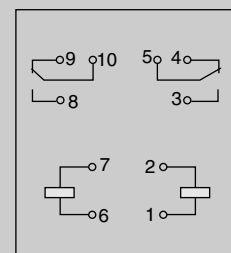
Nominal Coil Power	:	0.8W (Approx)
Operating Power	:	0.6W (Approx)
Operate Time*	:	3 milli Seconds
Release Time*	:	2 milli Seconds

\* At nominal voltage without coil suppression (excluding bounce)

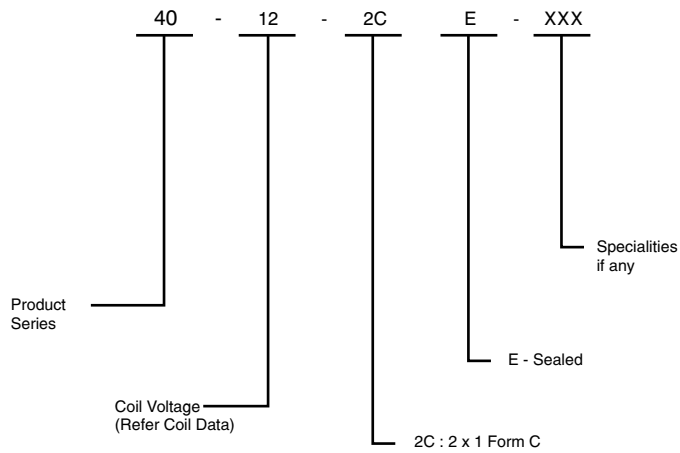
### OPERATING CONDITIONS

Ambient Temperature	:	-30°C to +85°C
Maximum Temperature	:	125°C
Dielectric Strength	:	500VRMS
Insulation Resistance	:	100 Meg. Ohms Min. At 500 VDC, 25°C RH 50
Vibration Resistance (without change in the switching state > 10μS)	:	10-200Hz 10g (min)
Shock Resistance (without change in the switching state > 10μS)	:	20g, 6mS

### CIRCUIT DIAGRAM



## HOW TO ORDER

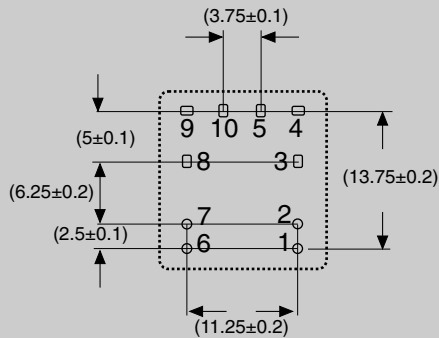


## COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance Ohms $\pm 10\%$
12	7.2	1.2	260

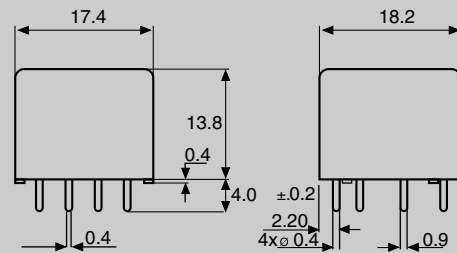
\*\*Lower pick-up Voltages available on request

## DRILLING PATTERN



View : Terminal Side

## DIMENSIONS



**AVAILABLE ON REQUEST**

- For custom solutions consult factory