

# O/E/N 56

## SUB-MINIATURE DUAL - IN - LINE RELAY

- Low Operating Power
- Compact High Performance
- Direct PCB type
- Low Profile
- DIP-Matching 16 pin 1C Socket
- Sealed

### SPECIFICATIONS

Contact Arrangement	: 2 Form C (Bifurcated)
Contact Material	: Silver alloy
Contact Rating	
Rated Voltage	: 125 VAC/24 VDC
Maximum Voltage	: 230 V AC/30 V DC
Maximum Continuous Current at 125VAC/ 24VDC	: 1A
Maximum Switching	: 2A
Maximum Power Rating AC Voltage	: 125VA
Nominal Coil Power	: 0.56W (approx)
Operating Power	: 0.36W (approx)
Life Expectancy	
Mechanical	: $5 \times 10^6$ operations
Electrical	: $2 \times 10^5$ operations
Contact Resistance (Initial)	: 50 milli Ohms
Dielectric Strength	
Between Contacts & Coil	: 500 VRMS
Between Open Contacts	: 500 VRMS
Insulation Resistance	: 100 Meg.Ohms at 500VDC, 25 <sup>o</sup> C, RH50
Operate time at Nominal Voltage	: 5 milli sec. (Typ)
Release time at Nominal Voltage	: 5 milli sec. (Typ)
Ambient Temperature	: -30 <sup>o</sup> C to + 70 <sup>o</sup> C
Weight	: 8 gms (approx)

#### Typical applications

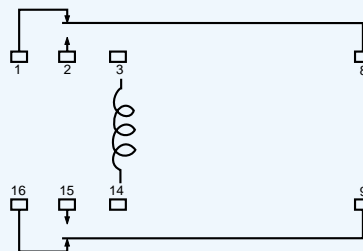
Telecommunication Equipments, Electrical Home Appliances, Office Automation etc.

All dimensions are in mm. Specifications subject to change without notice.

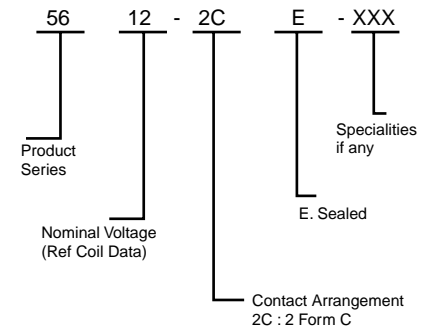
### COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage V DC (Min)	Coil Resistance Ohms $\pm 10\%$ at 25 <sup>o</sup> C
03	2.4	0.15	15
05	4.0	0.25	43
06	4.8	0.30	63
09	7.2	0.45	150
12	9.6	0.60	250
18	14.4	0.90	500
24	19.2	1.20	1000
48	38.4	2.40	3000

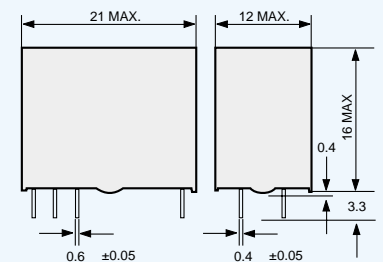
### CIRCUIT DIAGRAM



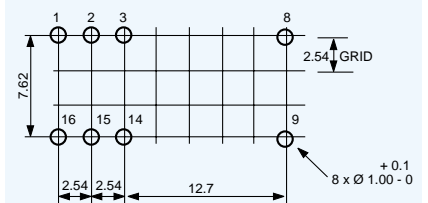
### HOW TO ORDER



### DIMENSIONS



### DRILLING PATTERN



View : Terminal Side