

# O/E/N 26 MINIATURE HIGH POWER RELAY

- Low Height
- Direct PCB Type
- Dust Protected/ Sealed
- 5kV Dielectric Strength Between Coil & Contacts
- International Standard Footprint
- Compact High Performance
- UL Approved (E209843) for 1CK & 1AK Versions

## SPECIFICATIONS

Contact Arrangement	: 1 Form A, 1 Form C 1 Form A (K type) 1 Form C (K type) 2 Form A, 2 Form C
Contact Material	: Silver Alloy
Contact Rating	
Rated Voltage	: 250 VAC/ 28 VDC
Max. Switching Voltage	: 400 VAC
Max. Continuous Current at 230 VAC/ 24 VDC	
1 Form A (K), 1 Form C (K)	: 16 A
1 Form A, 1 Form C	: 12 A
2 Form A, 2 Form C	: 8 A
Max. Power Rating	
1 Form C (K type)	: 4000 VA
1 Form C	: 3000 VA
2 Form C	: 2000 VA
Nominal Coil Power	: 0.48 W (approx)
Life Expectancy	
Electrical	: 10 <sup>8</sup> operations through NO : 3 x 10 <sup>4</sup> operations through NO / NC
Mechanical	: 10 <sup>8</sup> operations
Contact Resistance (Initial)	: 100 milli Ohms
Dielectric Strength	
Between Contact & Coil	: 5000 VRMS
Between Open Contacts	: 1000 VRMS
Insulation Resistance	: 1000 Mega Ohms at 500 VDC, 25 °C, RH50
Operate Time at	
Nominal Voltage	: 10 milli sec. (Typ)
Release Time at	
Nominal Voltage	: 5 milli sec. (Typ)
Ambient Temperature	: -40 °C to +85 °C
Weight	: 12 gms (approx)

### Typical Applications

Industrial Electronics, PLCs, Timers, Office Automation, UPS, Home Appliances, etc.

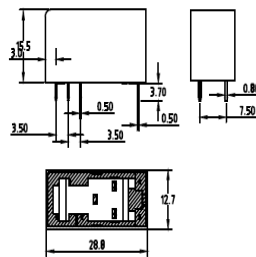
All dimensions are in mm. Specifications subject to change without notice. Tolerance unless otherwise specified is ± 10%.

## COIL DATA

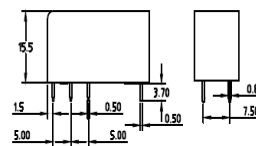
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Coil Resistance Ohms ± 10%
5	4	0.5	50
6	4.8	0.6	75
12	9.6	1.2	300
12*	9.6	1.2	360
24	19.2	2.4	1200
24*	19.2	2.4	1440
48	38.4	4.8	4800

\*Sensitive version

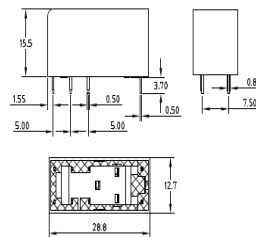
## DIMENSIONS



1 Form C (3.5 mm Pinning)

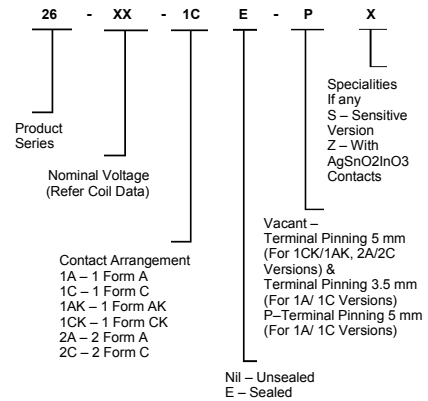


1 Form C (5 mm Pinning)

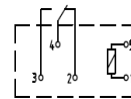


1 Form C(K) & 2 Form C

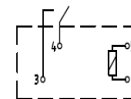
## HOW TO ORDER



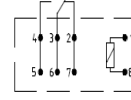
## WIRING DIAGRAM



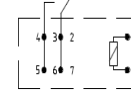
1 Form C



1 Form A

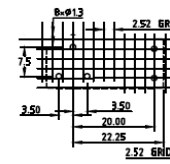


1 Form C(K) & 2 Form C

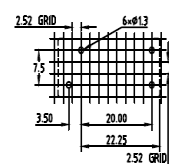


1 Form A(K) & 2 Form A

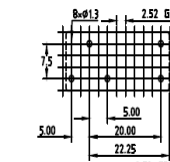
## DRILLING PATTERN



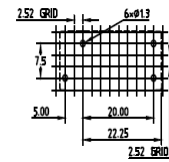
1 Form C (3.5 mm Pinning)



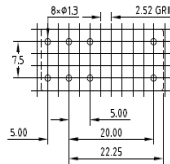
1 Form A (3.5 mm Pinning)



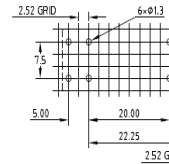
1 Form C (5 mm Pinning)



1 Form A (5 mm Pinning)



1 Form C(K) & 2 Form C



1 Form A(K) & 2 Form A