


FLA2F

PC Board Relay


 us E173485
 29×12.6×24.2



- 16A switching capabilities
- 5KV dielectric strength between coil to contacts
- 10KV surge voltage between coil to contacts
- Meet requirements of 8mm creepage distance
- Class B/F available
- Conform to RoHS,ELV directive

CONTACT DATA

Contact Form	1H
Contact Material	Silver Alloy
Load	Resistive load(COS Φ=1)
Contact Ratings	16A 250VAC 20A 125VAC 16A 30VDC
Minimum load	277VAC/30VDC
Max Switching Voltage	20A
Max Switching Current	50m Ω Max at 6VDC 1A
Electrical	100, 000 Operations(at30Operations/minute)
Mechanical	10, 000, 000 Operations(at300Operations/minute)

CHARACTERISTICS DATA

Insulation Resistance	1000M Ω Min at 500VDC
Between Open Contacts	1000VAC(for one minute)
Between Contacts and Coil	5000VAC(for one minute)
Operate Time	20ms
Release Time	10ms
Temperature Range	-40°C to +85°C
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000operations/hr Electrical: 1,800operations/hr
Humidity	40-85%
Weight	Approx 15g

APPROVED STANDARDS

UL & cUL	20A 125VAC
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COIL DATA

at 20°C

Coil Power 0.54W

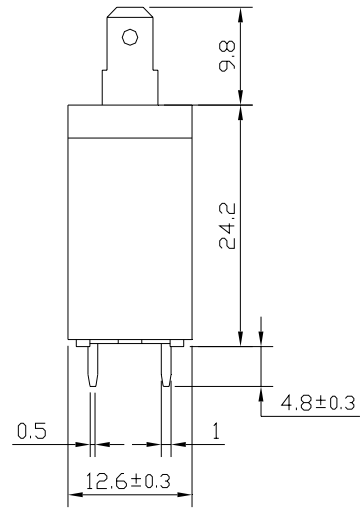
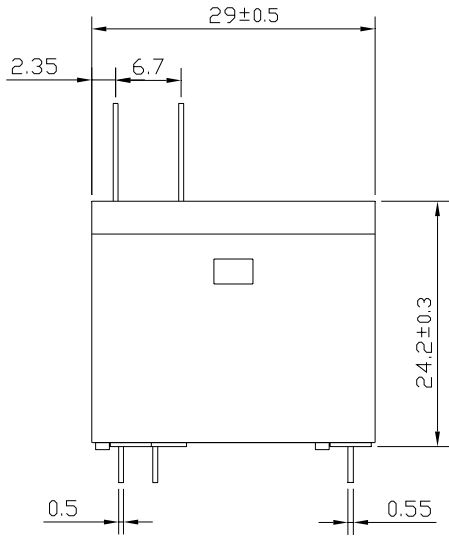
Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
5	108	4	0.5	46
6	90	4.8	0.6	67
9	60	7.2	0.9	150
12	45	9.6	1.2	270
18	29	14.4	1.8	620
24	22.5	19.2	2.4	1050
48	11.3	38.4	4.8	4250

OPDERING CODE

FLA2F — <u>12VDC</u> — <u>H</u> 1 2 3
1. Relay Model 2. Coil Nominal Voltage 5,6,9,12,18,24,48VDC 3. Contact Form H: Form A



OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT



Layout (Bottom View)

