

Ledex® Magnetic Latching C Frame Size C5M-L

Part Number: C5M - L - **XXX** - B - 1

All products are RoHS Compliant

LINEAR Open Frame

Select from performance chart below

Specifications

Operation	Pull
Dielectric Strength	500 VRMS for one second
Unlatch Voltage	See schematic and coil data below
Magnet Hold Force*	5.7 N (with return spring)
Coil Insulation	Class "B": 130°C max.
Coil Termination	0.025" square pin terminals
Plunger Pole Face	Flat face (other options available)
Spring Force	0.1 N/mm; 0.7 N latched position
Plunger Weight	2.8 g
Total Weight	11.9 g

* In no power, latched position, with return spring

Performance

	Unlatch Voltage			
	50%	25%	10%	
Maximum Duty Cycle				
Recommended Max ON Time (sec)	1	1	1	1
Watts (@ 20°C)	3	6	12	30
Ampere Turns (@ 20°C)	422	564	844	1268

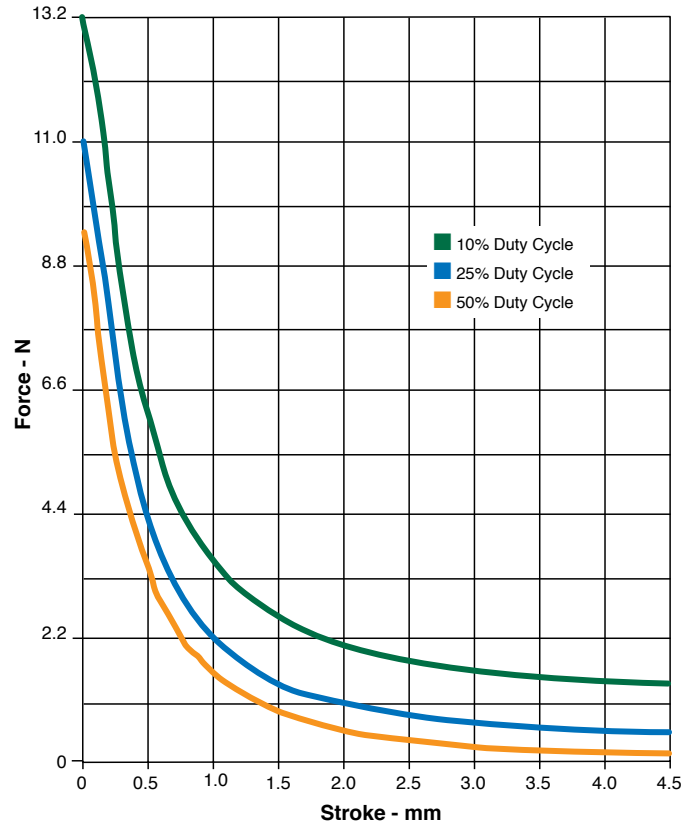
Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
C5M-L-273-B-1	2.88	406	3	4	6	9
C5M-L-272-B-1	11.52	795	6	8	12	19
C5M-L-271-B-1	25.77	1222	9	12	18	28
C5M-L-270-B-1	48.65	1642	12	17	24	38
C5M-L-269-B-1	72.84	1968	15	21	30	47
C5M-L-268-B-1	152.20	2860	21	30	43	68
C5M-L-267-B-1	191.73	3202	24	34	48	76

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Other coil terminations available.

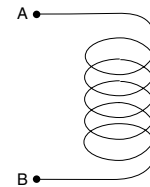
Force (Net, With Spring)



Coil Polarity

Latch: A+ B-

Unlatch: A- B+



How to Order

Select the part number from the table provided. (For example, to order a 25% duty cycle unit rated at 48 VDC, specify C5M-L-267-B-1.

Please see www.ledex.com (click on Stock Products tab) for our list of stock products available through our North American distributors.

All specifications subject to change without notice.

Force values for reference only.

Dimensions

mm

All solenoids are illustrated in energised state

