

# Ledex® C Frame Size C5

Part Number: C5 - **XXX** - B- 1

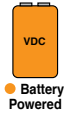
All products are RoHS Compliant

LINEAR Open Frame

Select from performance chart below

## Specifications

|                         |                                  |
|-------------------------|----------------------------------|
| Operation               | Pull                             |
| Dielectric Strength     | 500 VRMS for one second          |
| Continuous Duty Cycle   | 100% At 20°C ambient temperature |
| Intermittent Duty Cycle | See below                        |
| Coil Insulation         | Class "B": 130°C max.            |
| Coil Termination        | 0.025" square pin terminals      |
| Plunger Pole Face       | 60° conical                      |
| Plunger Weight          | 0.08 oz. (2.2 g)                 |
| Total Weight            | 0.42 oz. (11.9 g)                |



## Performance

| Maximum Duty Cycle    | 100% | 50% | 25% | 10%  |
|-----------------------|------|-----|-----|------|
| Maximum ON Time (sec) | ∞    | 145 | 47  | 14   |
| Watts (@ 20°C)        | 3    | 6   | 12  | 30   |
| Ampere Turns (@ 20°C) | 422  | 564 | 844 | 1268 |

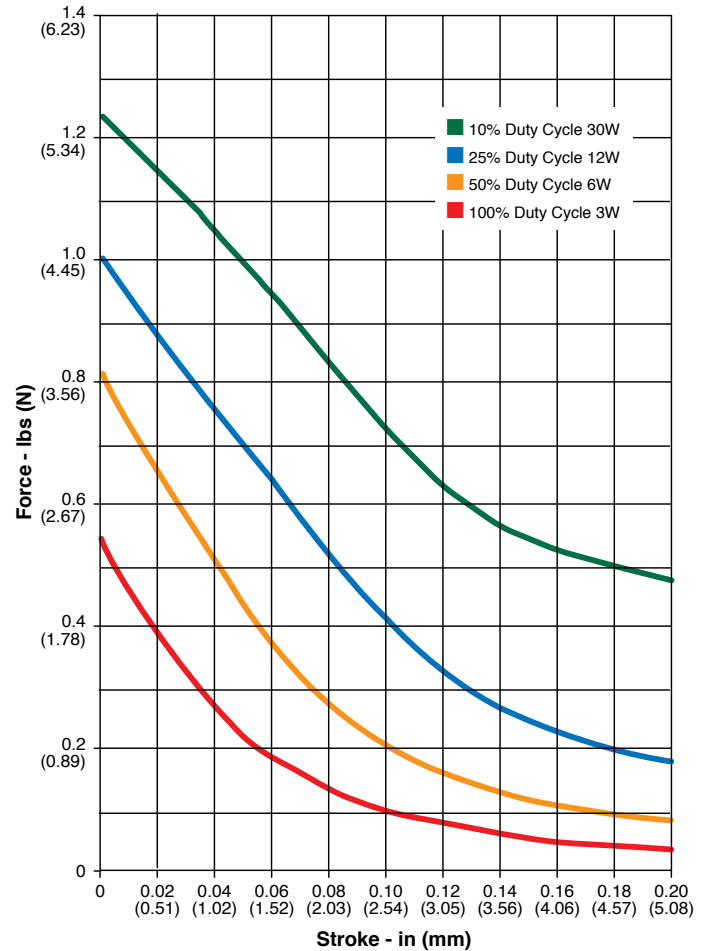
## Coil Data

| Part Number | Resistance (@20°C) | Ref # Turns | VDC (Nom) | VDC (Nom) | VDC (Nom) | VDC (Nom) |
|-------------|--------------------|-------------|-----------|-----------|-----------|-----------|
| C5-273-B-1  | 2.88               | 406         | 3         | 4         | 6         | 9         |
| C5-272-B-1  | 11.52              | 795         | 6         | 8         | 12        | 19        |
| C5-271-B-1  | 25.77              | 1222        | 9         | 12        | 18        | 28        |
| C5-270-B-1  | 48.65              | 1642        | 12        | 17        | 24        | 38        |
| C5-269-B-1  | 72.84              | 1968        | 15        | 21        | 30        | 47        |
| C5-268-B-1  | 152.20             | 2860        | 21        | 30        | 43        | 68        |
| C5-267-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.
- Pull versions standard; push versions available.
- Magnetic latching version available.

## Force (Gross, Without Spring)



## 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 C5-267-B-1.

Please see [www.ledex.com](http://www.ledex.com) for our list of stock products available through our North American distributors.

All specifications subject to change without notice.

Force values for reference only.

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## Dimensions

Inches (mm)

All solenoids are illustrated in energized state

