

Ledex® Low Profile Size OECM — Push or Pull

Medium Stroke, Conical Face
Part Number: 282340-0XX

All catalogue products manufactured after April 1, 2006 are RoHS Compliant

Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously ¹	∞	100	36	7
Maximum ON Time (sec) for single pulse ²	∞	162	44	8
Watts (@ 20°C)	4.5	9	18	45
Ampere Turns (@ 20°C)	285	403	570	901

Coil Data			VDC	VDC	VDC	VDC
awg (0XX) ³	Resistance (@20°C)	# Turns ⁴	(Nom)	(Nom)	(Nom)	(Nom)
26	0.50	90	1.6	2.3	3.2	5.1
27	0.97	136	2.0	2.8	3.9	6.3
28	1.33	152	2.6	3.7	5.1	8.1
29	2.40	215	3.2	4.4	6.2	9.9
30	3.29	240	4.1	5.7	8.0	12.7
31	5.61	324	5.0	7.1	9.9	15.8
32	9.09	420	6.3	8.9	12.4	19.7
33	14.95	544	8.0	11.3	15.7	25.0
34	24.06	684	10.2	14.4	20.0	32.0
35	37.10	840	12.8	18.1	25.0	40.0
36	58.51	1056	16.1	23.0	32.0	50.0
37	78.70	1109	19.8	28.0	39.0	62.0
38	123.00	1370	25.0	35.0	49.0	78.0

- ¹ Continuously pulsed at stated watts and duty cycle
- ² Single pulse at stated watts (with coil at ambient room temperature 20°C)
- ³ Other coil awg sizes available — please consult factory
- ⁴ Reference number of turns

Specifications

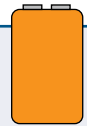
Dielectric Strength	1000 VRMS
Recommended Minimum Heat Sink	Maximum watts dissipated by solenoid are based on an unrestricted flow of air at 20°C, with solenoid mounted on the equivalent of an aluminium plate measuring 51 mm square by 3.2 mm thick
Coil Resistance	±10% tolerance on all coil awg sizes
Weight	24.8 g
Holding Force	7.6 N @ 105°C
Dimensions	See page G16

How to Order

Add the coil awg number (0XX) to the part number (for example: to order a 25% duty cycle unit rated at 3.2 VDC, specify 282340-026).

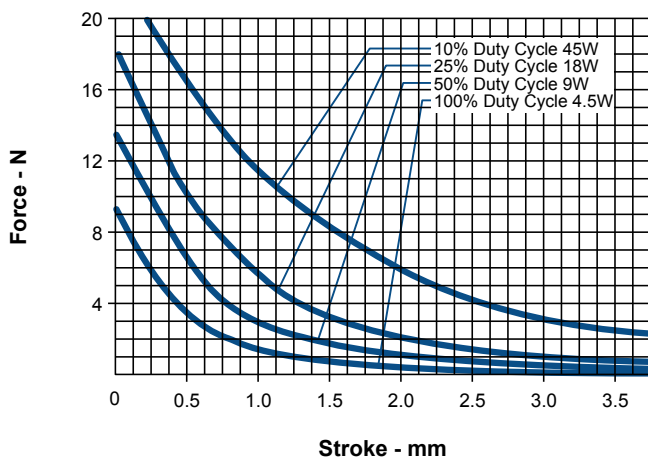
Please see www.ledex.com (click on Stock Products tab) for our list of stock products available through our distributors.

- Well-suited for battery operation. See the "Battery Operated Solenoids" section for complete information.



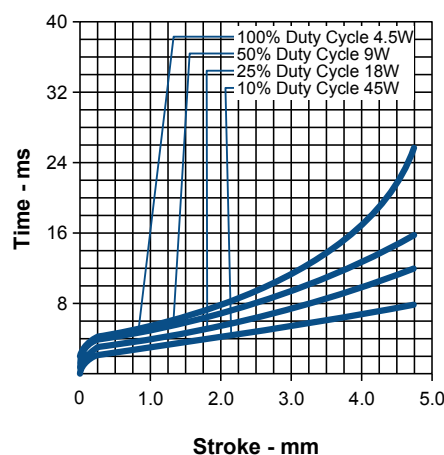
LINEAR Low Profile

Size OECM — Typical Force @ 20°C



Force values for reference only.

Size OECM — Typical Speed @ No Load, 20°C



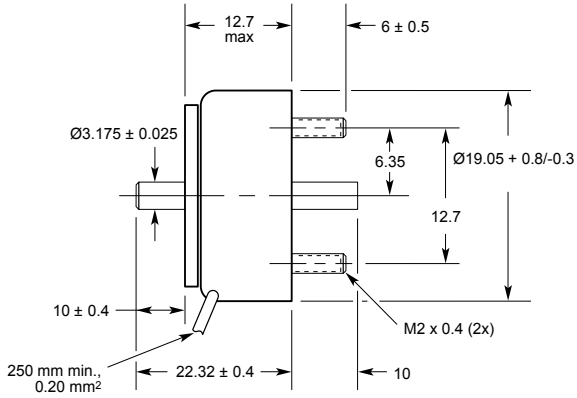
All specifications subject to change without notice.

Ledex® Low Profile Dimensions

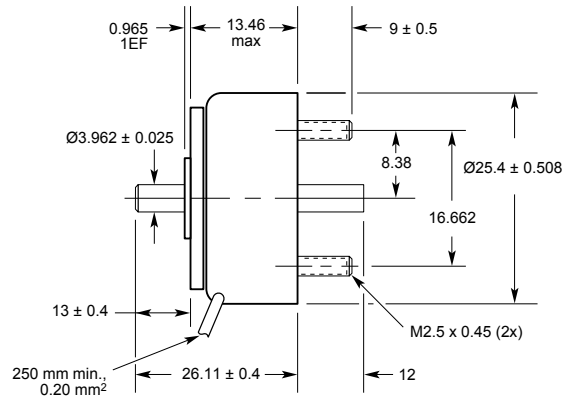
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All solenoids are illustrated in energised state

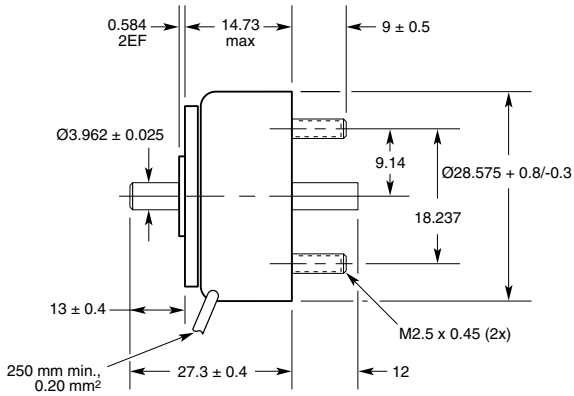
Size 0ECM



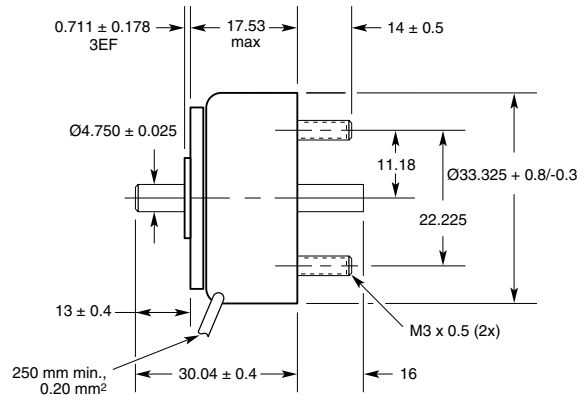
Size 1ECM



Size 2EFM/2ECM



Size 3EFM/3ECM



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