

SOLENOID PRODUCT SPECIFICATION

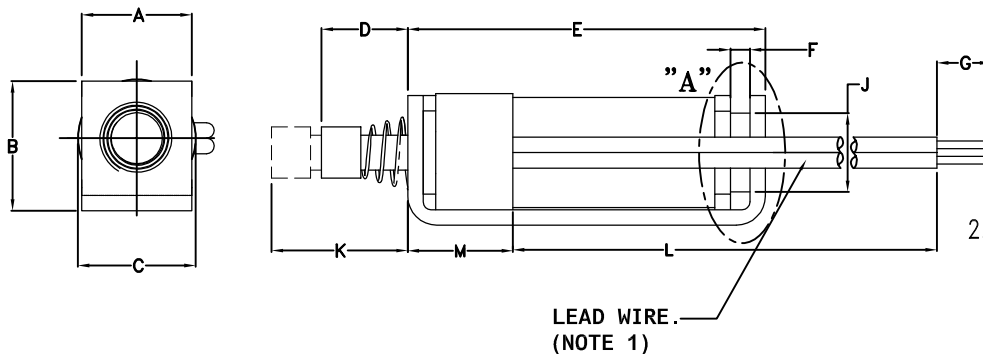
PART No.	VOLTAGE	DUTY CYCLE	POWER (W)	CURRENT (A)	DCR (Ω) *
DSML-0224-24	24 VDC	0.2%, 20 msec On.	13	0.54	44
DSML-0224-18	18 VDC	0.2%, 20 msec On.	13	0.73	24.6
DSML-0224-12	12 VDC	0.2%, 20 msec On.	12	1.0	12
DSML-0224-09	9 VDC	0.2%, 20 msec On.	11.2	1.22	7.4
DSML-0224-05	5 VDC	0.2%, 20 msec On.	13	2.62	1.9

* OPERATION: POWER TO PULL AND RELEASE, BUILT-IN RETURN SPRING.

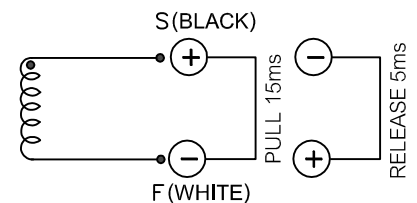
* DCR VALUES ARE $\pm 10\%$ AT 25°C

* WEIGHT ARE 5.5 GRAMS $\pm 10\%$

1. MECHANICAL DIMENSIONS :



2. SCHEMATIC AND CONSTRUCTION :



UNIT : mm.

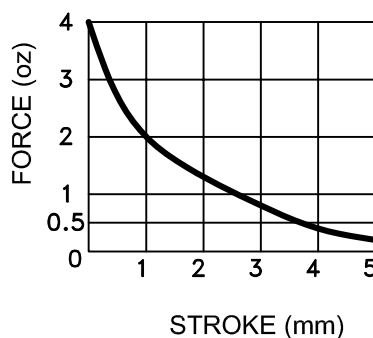
A	$= 7.11 \pm 0.1$
B	$= 8.38 \pm 0.1$
C	$= 8.35 \text{ MAX.}$
D	$= 5.58 \pm 0.2$
E	$= 23.11 \pm 0.2$
F	$= 1.00 \pm 0.05$
G	$= 4.0 \pm 1.0$
H	$= \phi 3.30 \pm 0.1$
I	$= 2.54 \pm 0.1$
J	$= 5.04 \pm 0.05$
K	$= 11.5 \pm 0.5$
L	$= 45 \pm 5$
M	$= 12 \pm 3$

UNLESS TOLERANCES.

MAGNET DIRECTION

DETAIL "A"

X.X	$= \pm 0.4$
X.XX	$= \pm 0.15$
ANGLES	$= \pm 0.5^{\circ}$



NOTE:

- INSULATION MATERIALS: UL CONSTRUCTION, CLASS A 105°C
- LIFE EXPECTANCY: 100K CYCLES OPERATIONS

LAYER TEST	IR. @500 Vdc.	HI-POT
(S-F) : 500Vp. MIN.	COIL TO FRAME	@50/60Hz., 2mA
TEST ONLY COIL	30 MOHM MIN.	COIL TO FRAME
		500Vac., 1s

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