

SOLENOID PRODUCT SPECIFICATION

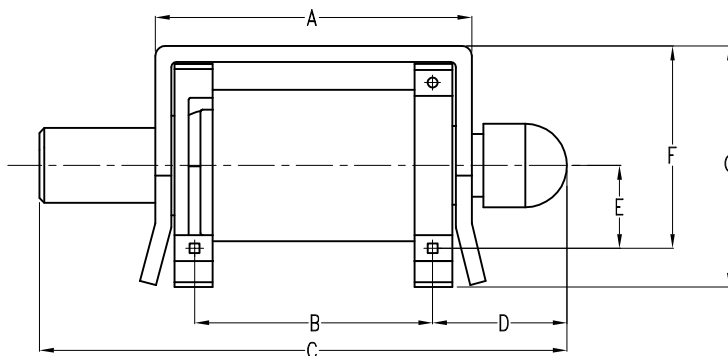
PART No.	VOLTAGE	DUTY CYCLE	POWER (W)	CURRENT (A)	DCR (Ω) *
DSOS-0416-03D	3.0 Vdc	50%, 1.5 sec On.	3.8	1.28	2.33
DSOS-0416-05D	5.0 Vdc	50%, 1.5 sec On.	3.3	0.66	7.55
DSOS-0416-09D	9.0 Vdc	50%, 1.5 sec On.	3.6	0.4	22.6
DSOS-0416-12D	12 Vdc	50%, 1.5 sec On.	3.6	0.3	40
DSOS-0416-18D	18 Vdc	50%, 1.5 sec On.	3.6	0.2	88
DSOS-0416-24D	24 Vdc	50%, 1.5 sec On.	3.6	0.15	160

* OPERATION: POWER TO PUSH, BUILT-IN RETURN SPRING.

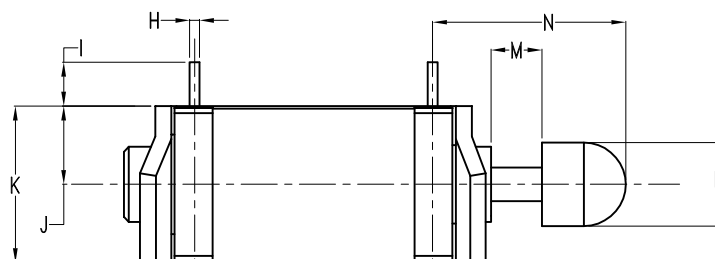
* DCR VALUES ARE $\pm 10\%$ AT 25°C

* WEIGHT ARE 6 GRAMS $\pm 10\%$.

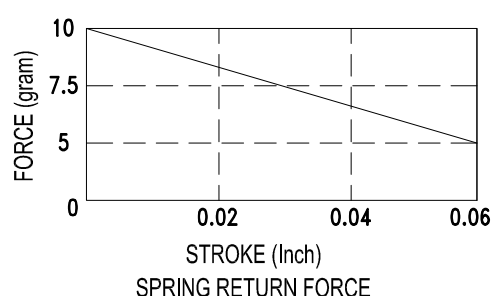
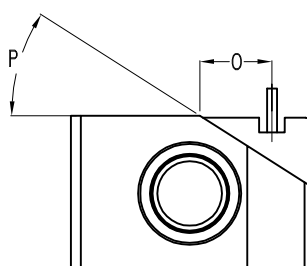
1. MECHANICAL DIMENSIONS :



PLUNGER AND PLUNGER TIP SHOWN
IN RESET (NON ACTIVATED) POSITION

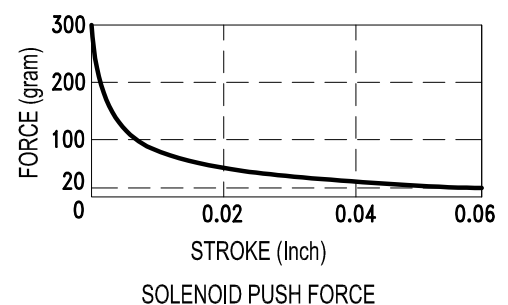
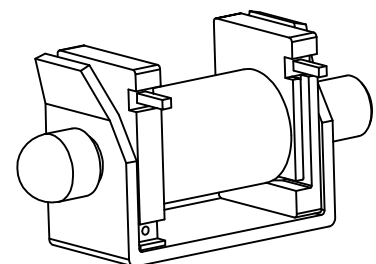


PLUNGER AND PLUNGER TIP SHOWN
IN FULLY ACTIVATED POSITION



UNIT : INCH

A	= .622 $\pm$.010
B	= .476 $\pm$.011
C	= 1.00 $\pm$.010
D	= .263 $\pm$.010
E	= .158 $\pm$.011
F	= .393 $\pm$.013
G	= .471 $\pm$.013
H	= 2X- SQ .023 $^{+.015}_{-.001}$
I	= 2X- .07 $^{+.010}_{-.020}$
J	= .152 $\pm$.010
K	= .304 $\pm$.010
L	= $\square$.165 $\pm$.010
M	= .060 $\pm$.010
N	= .323 $^{+.011}_{-.022}$
O	= 2X.134 $\pm$.016
P	= 34 $^{\circ}$ $\pm$ 1 $^{\circ}$



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	100 MOHM MIN.	COIL TO FRAME
		1020Vac., 60s

Mouser Electronics

Authorized Distributor

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Delta Electronics:

[DSOS-0416-03D](#) [DSOS-0416-05D](#) [DSOS-0416-09D](#) [DSOS-0416-102D](#) [DSOS-0416-12D](#) [DSOS-0416-18D](#) [DSOS-0416-204D](#) [DSOS-0416-24D](#)