

SERIES 39 SPST, 150 mA

FEATURES

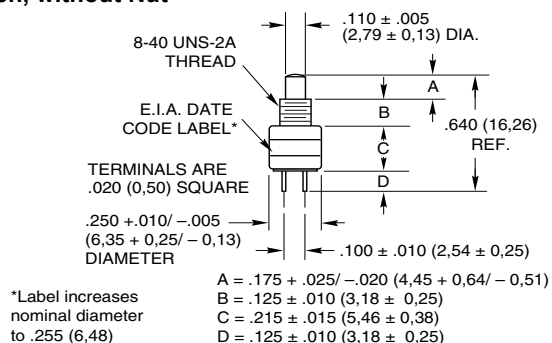
- 1/4" Diameter
- Up to 1,000,000 Cycles of Operation
- PC Mount



DIMENSIONS in inches (and millimeters)

SPST-Normally Open, without Nut

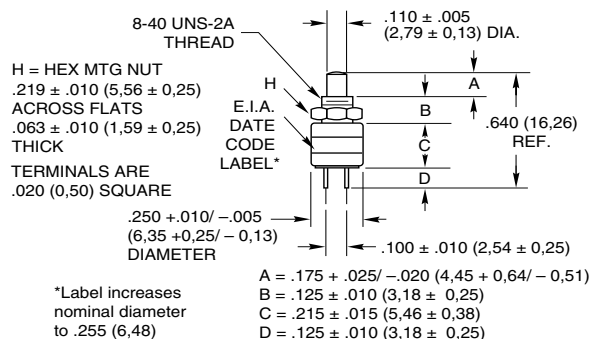
39-405*



Rating at 28 Vdc Resistive	Operations at Rated Load	*Complete Part Number	Button Color
150 mA	1,000,000	39-405 RED 39-405 BLK	Red Black
Action	Total Travel	Actuating Force (oz.)	
Momentary	.035 ± .015 (0.89 ± 0.38)	4 + 4 - 2	

SPST-Normally Open, with Nut

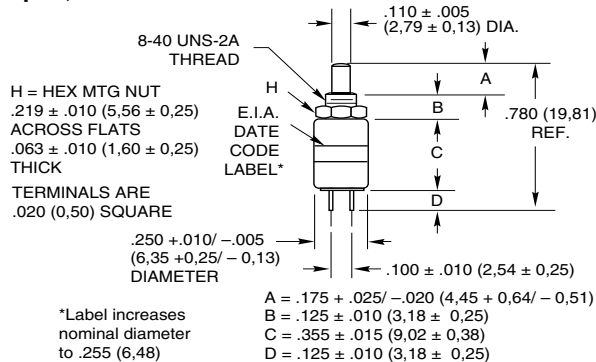
39-401*



Rating at 28 Vdc Resistive	Operations at Rated Load	*Complete Part Number	Button Color
150 mA	1,000,000	39-401 RED 39-401 BLK	Red Black
Action	Total Travel	Actuating Force (oz.)	
Momentary	.035 ± .015 (0.89 ± 0.38)	4 + 4 - 2	

SPST-Normally Open, with Overtravel

39-424*

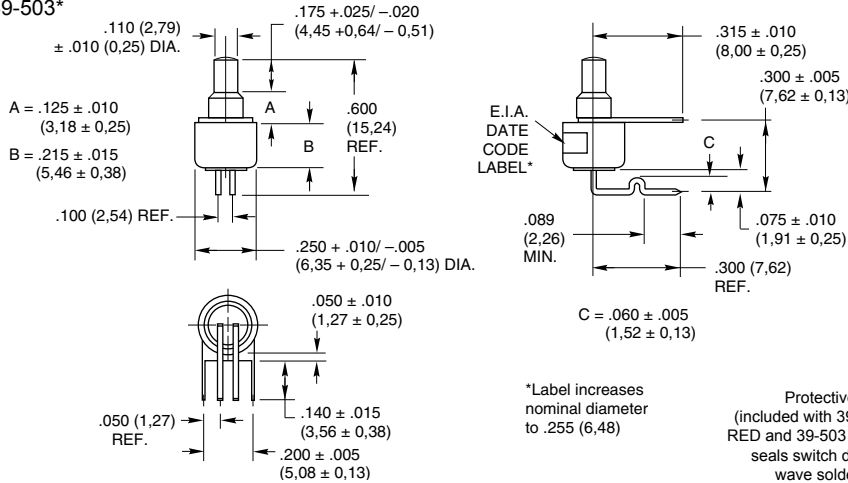
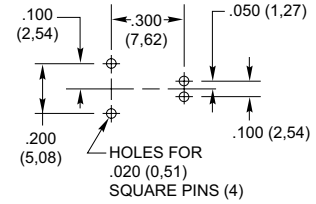


Rating at 28 Vdc Resistive	Operations at Rated Load	*Complete Part Number	Button Color
150 mA	100,000	39-424 RED 39-424 BLK	Red Black
Action	Total Travel	Over Travel	Actuating Force (oz.)
Momentary	.130 ± .025 (3.30 ± 0.64)	.015 (0.38) Min.	5 ± 3

DIMENSIONS in inches (and millimeters)**Right Angle, SPST–Normally Open**

39-501*

39-503*

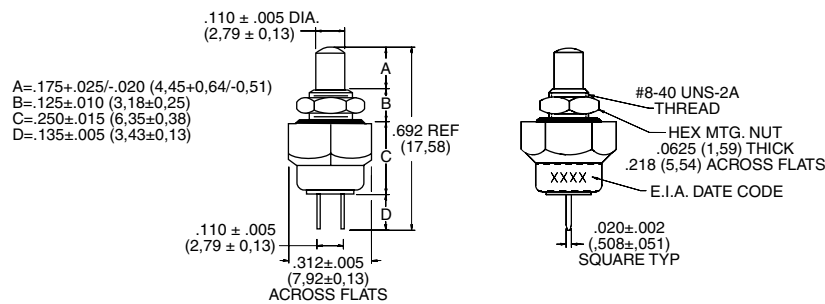
**Mounting Footprint**

Rating at 28 Vdc Resistive	Operations at Rated Load	*Complete Part Number	Button Color
150 mA	1,000,000	39-501 RED 39-501 BLK 39-503 RED 39-503 BLK	Red Black Red Black

Action	Total Travel	Actuating Force (oz.)
Momentary	.035 ± .015 (0,89 ± 0,38)	4 + 4 – 2

SPST–Normally Open, with Panel and Button Seal

39-138*



Rating at 115 Vac Resistive	Operations at Rated Load	*Complete Part Number	Button Color
½ Amp	250,000	39-138 RED 39-138 BLK	Red Black

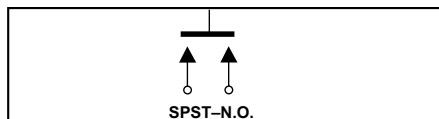
Action	Total Travel	Actuating Force (oz.)
Momentary	.035 ± .015 (0,89 ± 0,38)	16 ± 8

SPECIFICATIONS**Rating Criteria****Contact Resistance:** 25 milliohms maximum on a new switch**Voltage Breakdown:** 1,000 Vac between mutually insulated parts**Insulation Resistance:** 1,000 megohms minimum**Operating Temperature:** -40°C to +85°C

* Note: Solder process temperatures should not expose main switch body to temperatures higher than 270°F. (132°C). Reflow soldering is not recommended. Contact Grayhill for more specific details.

Materials and Finishes**Bushing/Housing:** Aluminum, clear anodized for 39-138; Brass, tin zinc for all others**Standoff:** (39-501 and 39-503) Brass, tin plated over nickel**Base and Button:** Thermoplastic**Shorting Bar:** Brass, gold-plated over nickel plate for 39-501 and 39-503; fine silver, gold-plated for others**Terminals:** Fine silver, gold-plated for 39-138; Brass, gold-plated over nickel for all others**Spring:** Tinned music wire**Mounting Nut:** (39-401 and 39-424) Brass, zinc trivalent chromate-plated**ORDERING INFORMATION**

Part No.	Type & Button Color
39-401 RED	N.O., Red
39-401 BLK	N.O., Black
39-405 RED	N.O., No Nut, Red
39-405 BLK	N.O., No Nut, Black
39-424 RED	N.O., Overtravel, Red
39-424 BLK	N.O., Overtravel, Black
39-501 RED	N.O., Right Angle, Red
39-501 BLK	N.O., Right Angle, Black
39-503 RED	39-501 Red & Cap Seal
39-503 BLK	39-501 Blk & Cap Seal
39-138 RED	39-351 PC Mount & Seal
39-138 BLK	39-351 PC Mount & Seal

CIRCUITRY**ACCESSORIES**

Accessory Part Number	Description
30B1012-5	Red Accessory Cap
30B1012-8	White Accessory Cap
30B1012-9	Black Accessory Cap
SHH1699	Cap Seal Only, Black

Available from your local Grayhill Distributor. For prices and discounts, contact a local Sales Office, an authorized Distributor or Grayhill.

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