SERIES 46

SPST and DPDT, 1/4 Amp

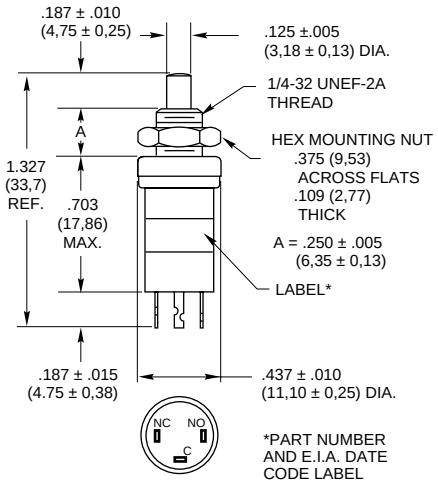
FEATURES

- Long Wipe Contact Assures High Reliability
- 250,000 Cycles of Operation

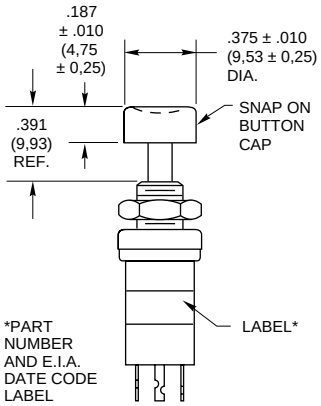
DIMENSIONS In Inches (and millimeters)

Single Pole/Double Throw

46-101* (BBM)
46-110* (MBB)



46-102* (BBM)
46-111* (MBB)

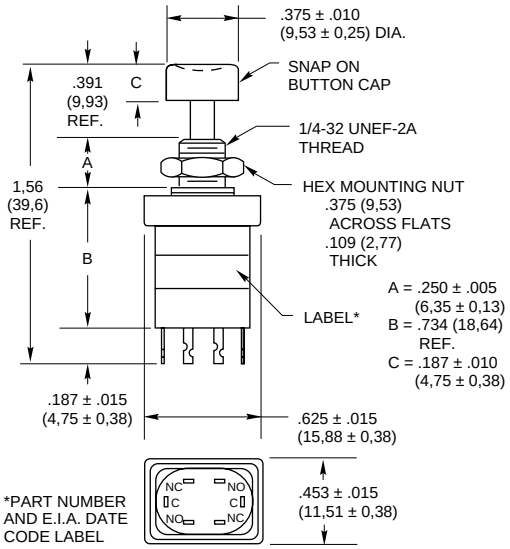


Rating at 115 Vac Resistive	Rating at 220 Vac Resistive	Operations at Rated Load	*Complete Part Number	Button or Cap Color
1/4 Amp	1/8 Amp	250,000	46-101 RED 46-101 BLK 46-102 RED 46-102 BLK 46-110 RED 46-110 BLK 46-111 RED 46-111 BLK	Red Black Red Black Red Black Red Black

Action	Total Travel	Bottoming Force (oz.)	Mtg. Hole
Momentary	.180 (4,57) Min.	17 ± 5	17/64" (6,75)

Double Pole/Double Throw

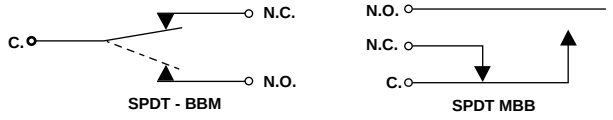
46-200* (BBM)
46-201* (MBB)

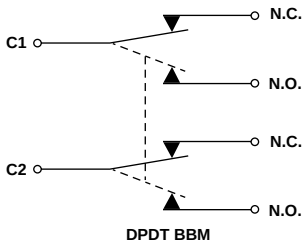


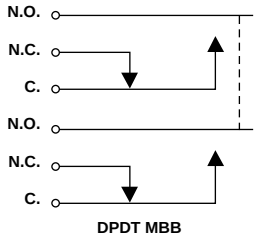
Rating at 115 Vac Resistive	Rating at 220 Vac Resistive	Operations at Rated Load	*Complete Part Number	Cap Color
1/4 Amp	1/8 Amp	250,000	46-200 RED 46-200 BLK 46-201 RED 46-201 BLK	Red Black Red Black

Action	Total Travel	Bottoming Force (oz.)	Mtg. Hole
Momentary	.180 (4,57) Min.	35 ± 9	17/64" (6,75)

CIRCUITRY







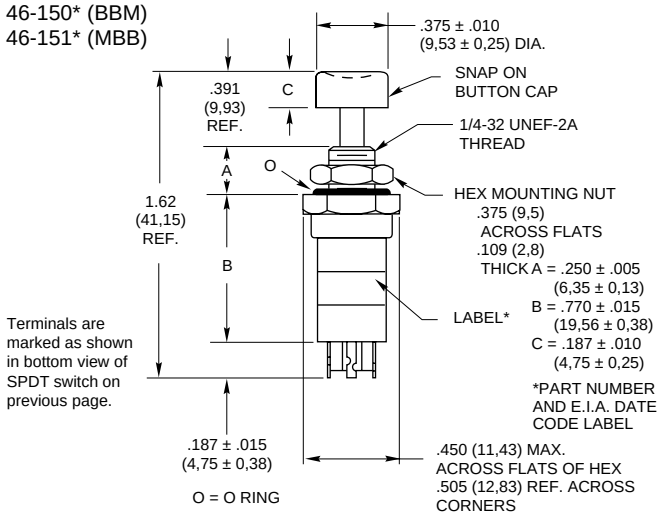
SERIES 46
SPST and DPDT, 1/4 Amp

FEATURES
- Bushing and Button Seal
- Environmentally Sealed

DIMENSIONS In Inches (and millimeters)

Sealed Bushing and Button Single Pole/Double Throw

46-150* (BBM)
46-151* (MBB)

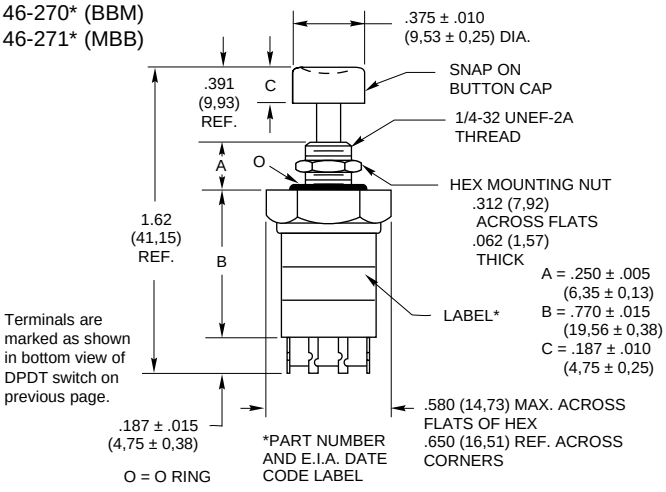


Rating at 115 Vac Resistive	Rating at 220 Vac Resistive	Operations at Rated Load	*Complete Part Number	Cap Color
1/4 Amp	1/8 Amp	100,000	46-150 RED 46-150 BLK 46-151 RED 46-151 BLK	Red Black Red Black

Action	Total Travel	Bottoming Force (oz.)	Mtg. Hole
Momentary	.180 (4,57) Min.	24 ± 4	17/64" (6,75)

Sealed Bushing and Button Double Pole/Double Throw

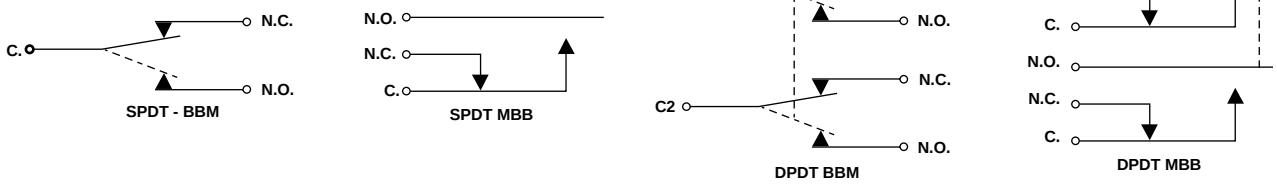
46-270* (BBM)
46-271* (MBB)



Rating at 115 Vac Resistive	Rating at 220 Vac Resistive	Operations at Rated Load	*Complete Part Number	Cap Color
1/4 Amp	1/8 Amp	100,000	46-270 RED 46-270 BLK 46-271 RED 46-271 BLK	Red Black Red Black

Action	Total Travel	Bottoming Force (oz.)	Mtg. Hole
Momentary	.180 (4,57) Min.	48 ± 4	17/64" (6,75)

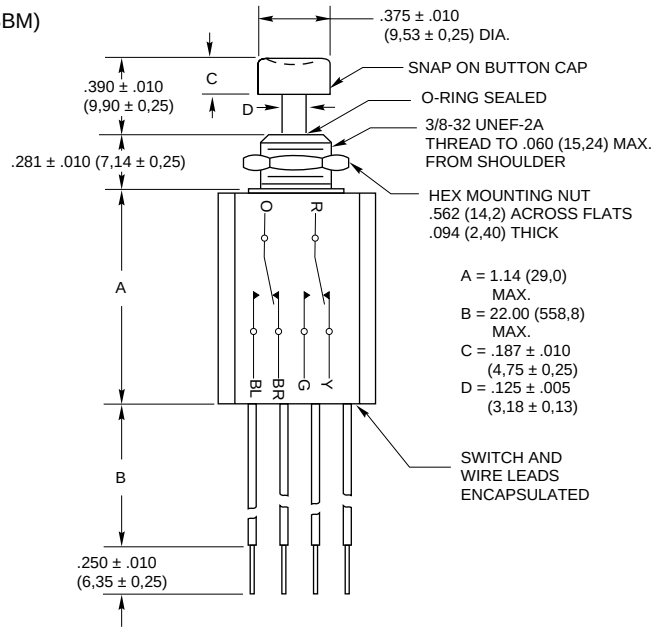
CIRCUITRY

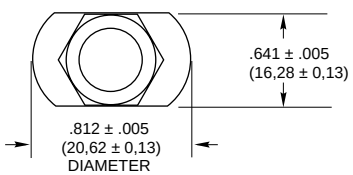


DIMENSIONS In Inches (and millimeters)

Environmentally Sealed
Double Pole/Double Throw

46-260* (BBM)

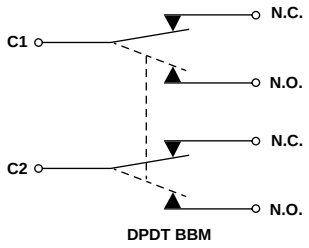




Rating at 115 Vac Resistive	Rating at 220 Vac Resistive	Operations at Rated Load	*Complete Part Number	Cap Color
1/4 Amp	1/8 Amp	250,000	46-260 RED 46-260 BLK	Red Black

Action	Total Travel	Bottoming Force (oz.)	Mtg. Hole
Momentary	.180 (4,57) Min.	Approx. 45	25/64" (9,92)

CIRCUITRY



DPDT BBM

ACCESSORY

Decorative Mounting Nut
Part No. 30C1023-1
Fits .250" (6,35) Bushing
For dimensions, materials and finishes, see page E-36.

SPECIFICATIONS

Rating Criteria

Contact Resistance: Less than 25 milliohms at the switch initially. Less than 4 milliohms/inch of wire.
Voltage Breakdown: 1,000 Vac between mutually insulated parts
Insulation Resistance: 1,000 megohms minimum

Materials and Finishes

Cover, Bushing, Mounting Nut: Brass, cadmium-plated
Shorting Bar: Phosphor bronze, silver-plated.
Terminals: Phosphor bronze, silver contact surface. Terminal ends are solder clad
Base or Potting Shell: Phenolic per MIL-M-14, type CFG
Spring: Tinned music wire
Button Cap: Polyethylene
Button: Polyphenylene sulfide (PPS) for 46-200 and 46-201. Polycarbonate for all other unsealed versions. Aluminum for all sealed versions.

O-Ring Seal: Nitrile per MIL-P-5516, class B
Seal Adapter and Hex Nut (46-260): Brass, cadmium-plated
Wire Leads (46-260): Per MIL-W-16878 type E. #26 AWG, insulated teflon, copper stranded wire

Operating Features

Break-Before-Make: Rest position to N.C. break .020" (0,51) minimum. Rest position to N.O. Make .240" (6,10) maximum.
Make-Before-Break: Rest position to N.O. make .065" ± .015 (1,65 ± 0,38). Rest position to N.C. break .130" ± .015 (3,30 ± 0,38).
Operating Temperature: -40°C to +85°C

STANDARD OPTIONS

Epoxy sealed terminals and wire leads, see page E-34 and E-35.

Decorative mountings, see pages E-24 to E-26.

ORDERING INFORMATION

Description	Part No.
SPDT, BBM, Red Button	**46-101 RED**
SPDT, BBM, Black Button	**46-101 BLK**
SPDT, BBM, Red Cap	**46-102 RED**
SPDT, BBM, Black Cap	**46-102 BLK**
SPDT, MBB, Red Button	**46-110 RED**
SPDT, MBB, Black Button	**46-110 BLK**
SPDT, MBB, Red Cap	**46-111 RED**
SPDT, MBB, Black Cap	**46-111 BLK**
SPDT, BBM, Red Cap	**46-150 RED**
SPDT, BBM, Black Cap	**46-150 BLK**
SPDT, MBB, Red Cap	**46-151 RED**
SPDT, MBB, Black Cap	**46-151 BLK**
DPDT, BBM, Red Cap	**46-200 RED**
DPDT, BBM, Black Cap	**46-200 BLK**
DPDT, MBB, Red Cap	**46-201 RED**
DPDT, MBB, Black Cap	**46-201 BLK**
DPDT, BBM, Red Cap	**46-270 RED**
DPDT, BBM, Black Cap	**46-270 BLK**
DPDT, MBB, Red Cap	**46-271 RED**
DPDT, MBB, Black Cap	**46-271 BLK**
DPDT, BBM, Sealed, Red	**46-260 RED**
DPDT, BBM, Sealed, Black	**46-260 BLK**
ACCESSORY	
Decorative Nut	**30C1023-1**

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

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9