

MSP103C004 Datasheet

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DiGi Electronics Part Number	MSP103C004-DG
Manufacturer	TE Connectivity ALCOSWITCH Switches
Manufacturer Product Number	MSP103C004
Description	SWITCH PUSH SPST-NO 3A 125V
Detailed Description	Pushbutton Switch SPST-NO Standard Panel Mount , Rear

This model MSP103C004 is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

MSP103C004

Series:

MSP3

Mounting Type:

Panel Mount, Rear

Circuit:

SPST-NO

Current Rating (Amps):

3A (AC)

Actuator Type:

Plunger for Cap

Color - Actuator/Cap:

Black

Illumination Voltage (Nominal):

-

Ingress Protection:

-

Panel Cutout Dimensions:

Circular - 6.35mm Dia

Mechanical Life:

-

Base Product Number:

MSP103

Manufacturer:

TE Connectivity ALCOSWITCH Switches

Product Status:

Active

Type:

Standard

Switch Function:

Off-Mom

Voltage Rating - AC:

125 V

Actuator Marking:

No Marking

Illumination Type, Color:

-

Termination Style:

Solder Lug

Features:

-

Operating Temperature:

-20°C ~ 80°C

Electrical Life:

5,000 Cycles

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Affected

HTSUS:

8536.50.9031

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99

MSP103C004 ✓ ACTIVE[Alcoswitch](#) | [Alcoswitch MSP3](#)

TE Internal #: 1825516-3

General Purpose Push Button Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Alcoswitch MSP3

[View on TE.com >](#)

Switches > Push Button Switches

Push Button Switch Product Type: **General Purpose Push Button Switch**Configuration (Pole-Throw): **Single Pole - Single Throw**Number of Actuators: **Single**Actuator Profile: **Extended**Bushing Style: **Threaded**

Features

Product Type Features

Switch Connection Type	Wire Lugs
Push Button Switch Product Type	General Purpose Push Button Switch
Illuminated	Without
Actuator Style	Round Actuator

Configuration Features

	.253 in
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Switch Feedback Type	Non-Tactile
Operating Function	NO, Momentary

Electrical Characteristics

Contact Current Rating	3 A
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General Purpose Push Button Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Alcoswitch MSP3

Operating Voltage Range	125 VAC
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Body Features

Case Material	Phenol Resin
Actuator Material	Thermoplastic
Product Orientation	Vertical
Actuator Profile	Extended
Bushing Style	Threaded
Bushing Thread Size	1/4-40
Actuator Color	Black

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Silver

Housing Features

Low Profile	No
Process Sealed	No

Dimensions

Button Width	3.98 mm[.157 in]
Bushing Length	5.97 mm[.235 in]
Actuator Length	2.5 mm[.098 in]

Usage Conditions

Operating Temperature Range	-20 – 80 °C
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Packaging Features

Packaging Method	Bulk
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241)



General Purpose Push Button Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Alcoswitch MSP3

SVHC > Threshold:

Pb (3.7% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Compatible Parts



TE Part # 1825516-4
MSP103C204



TE Part # 1825516-2
MSP103C04

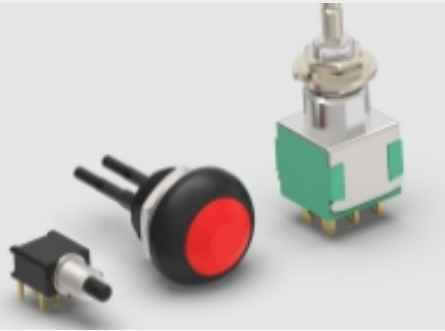


TE Part # 1825333-2
MSP103C0G04 Pushbutton switch




TE Part # 1825516-1
MSP103B04

Also in the Series | Alcoswitch MSP3



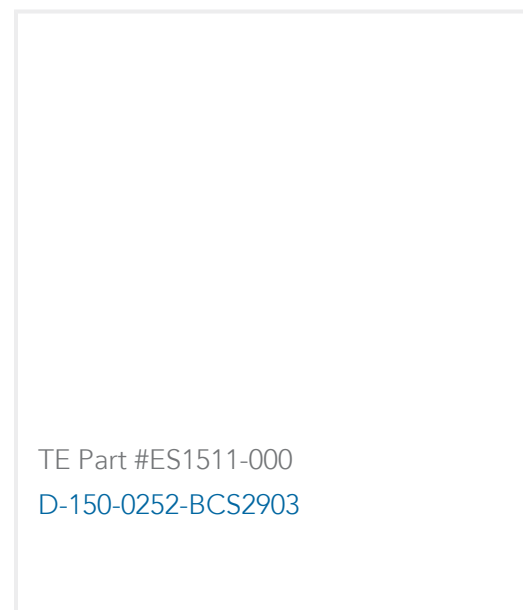
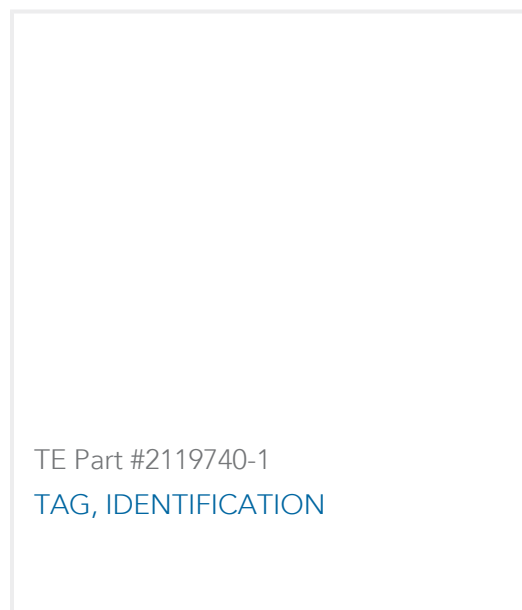
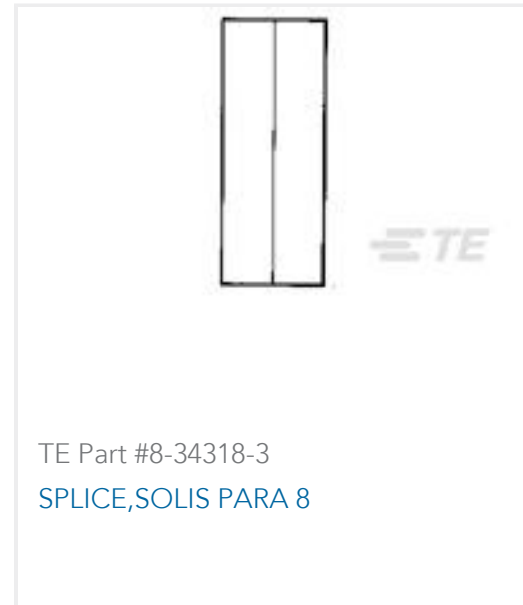
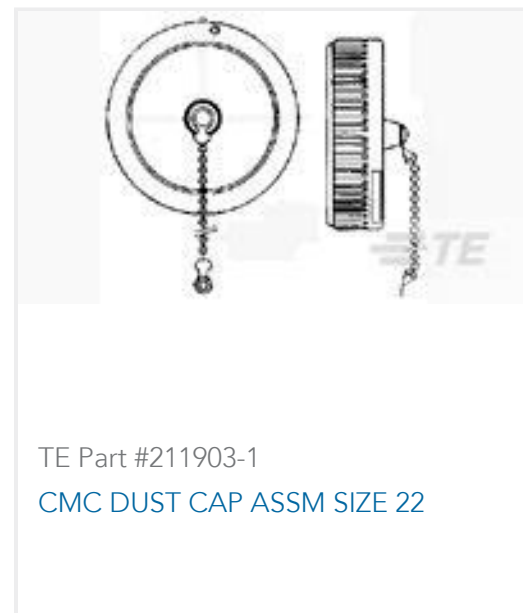
General Purpose Push Button Switches (4)



Push Button Switches(4)

Customers Also Bought

General Purpose Push Button Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Alcoswitch MSP3



Documents

Product Drawings

[MSP103C004](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1825516-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825516-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825516-3_C.3d_stp.zip](#)

English

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