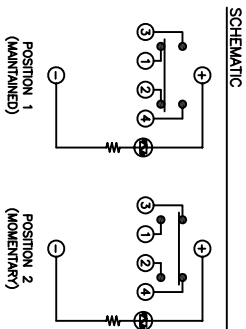


MAXIMUM PANEL THICKNESS: 0.394 [10.0mm]



SCHEMATIC

SPECIFICATIONS

FUNCTION:
1PNO OFF-(ON) + 1PNC ON-(OFF)

RATING:
2A 48VDC

ILLUMINATION VOLTAGE:
24V 20mA

CONTACT RESISTANCE:
Initial: 50mΩ Max. at 1A 12VDC

INSULATION RESISTANCE:
1,000MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
2,000VAC Min. for 1 Minute

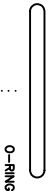
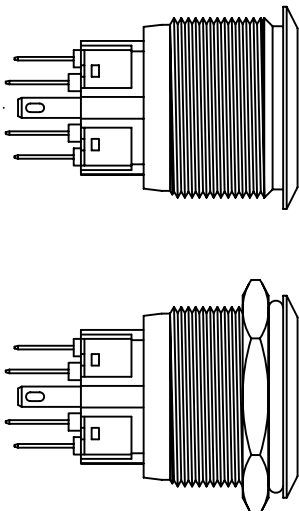
ELECTRICAL LIFE:
50,000 Cycles

MECHANICAL LIFE:
1,000,000 Cycles

TEMPERATURE:
Operating: -40°C to 70°C

INGRESS PROTECTION:
IP65

APPROVALS:
ROHS
COMPLIANT



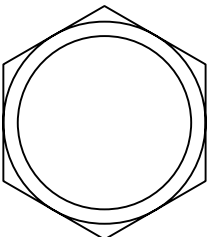
O-RING



HEX NUT

EXPLODED VIEW

ASSEMBLED VIEW



MATERIALS

BUSHING:
Stainless Steel (304)

BASE:
Polyamide 6/6 (PA66)

ACTUATOR:
Stainless Steel (304)
Polycarbonate (PC)

HARDWARE:
Nickel Plated Brass (H59)

SEALING:
Silicone Rubber

INNER ASSEMBLY:
Polyamide 6/6 (PA66)
Polycarbonate (PC)
Polyoxymethylene (POM)
Brass (H59)
Stainless Steel
Beryllium Copper

SPRING:
Stainless Steel

CONTACTS:
Silver/Palladium Oxide (AgPdO)

TERMINALS:
Brass

O-RINGS:
Silicone Rubber

COLORES AND FINISH

BEZEL:
Stainless Steel
Machine Finish

ACTUATOR:
Stainless Steel
Machine Finish

ILLUMINATION:
Green (Forward)
Green (Reverse)

MARKING:
None



PV8F2Y1SS-335

REV.	DATE	BY	CHK
A	09/07/08	CAB	
A	09/07/08	CAB	
A	09/07/08	CAB	

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NEW RELEASE DESCRIPTION

2008 09/22/12 DRAWN BY

SCALE: ±0.008 [±0.2] / ±1% PROJECTION: DRAWING NUMBER: 52-PV8F2Y1SS335

DATE: 06-22-12

REVISION: A

Mouser Electronics

Authorized Distributor

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