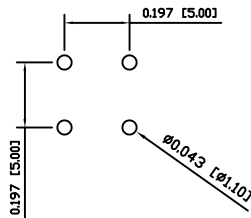


SUGGESTED PCB LAYOUT



SCHEMATIC

FLAT SIDE



POSITION 1  
(MAINTAINED)

FLAT SIDE



POSITION 2  
(MOMENTARY)

SPECIFICATIONS

FUNCTION:  
1P1T OFF-(ON)

RATINGS:  
10mA 35VDC

OPERATION FORCE:  
130±40gf

CONTACT RESISTANCE:  
Initial: 20mΩ Max.

INSULATION RESISTANCE:  
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:  
500VAC For 1 Minute

CAPACITANCE:  
1pF

ELECTRICAL LIFE:  
250,000 Cycles

MECHANICAL LIFE:  
500,000 Cycles Min.

TEMPERATURE:  
Operating: -20°C to 85°C

APPROVALS:  
**RoHS**  
COMPLIANT

MATERIALS

UPPER HOUSING:  
Acrylonitrile Butadiene Styrene (ABS)

LOWER HOUSING:  
Polybutylene Terephthalate (PBT)

CONTACTS:  
Silver Plated Copper

TERMINALS:  
Silver Plated Brass

COLORS

UPPER HOUSING COLOR:  
Green

LOWER HOUSING COLOR:  
White

**OBSOLETE**  
May 2017  
PCR 22867

|                |      |          |     |
|----------------|------|----------|-----|
| BODY           | A    | 09/08/06 | CAB |
| COLORS         | A    | 09/08/06 | CAB |
| MATERIALS      | A    | 09/08/06 | CAB |
| SPECIFICATIONS | A    | 09/08/06 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                       |          |          |          |
|------|-----------------------|----------|----------|----------|
| B    | CORRECTED PART NUMBER | PCRD0111 | 09/09/15 | CAB      |
| A    | INITIAL RELEASE       | PCRD0051 | 09/08/06 | CAB      |
| REV. | DESCRIPTION           | PCR      | DATE     | DRAWN BY |

|                      |            |
|----------------------|------------|
| DIMENSIONS           |            |
| INCHES [MILLIMETERS] |            |
| GENERAL TOLERANCES   |            |
| ±0.008 [±0.2] / ±1'  |            |
| SCALE                | PROJECTION |
| DRAWING NOT TO SCALE | 1:1        |

|                |                    |          |
|----------------|--------------------|----------|
|                |                    |          |
| KS-03Q-03      |                    |          |
| DRAWING NUMBER | DATE               | REVISION |
| 29-KS03Q03     | SEPTEMBER 15, 2009 | B        |

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Authorized Distributor

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