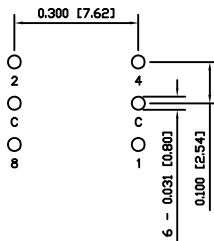


SUGGESTED PCB LAYOUT



PACKAGING
 PACKAGING TYPE:
 Tube
 TUBE QUANTITY:
 48 Pieces

SCHMATIC

| POSITION | TERMINAL | | | |
|----------|----------|---|---|---|
| | 1 | 2 | 4 | 8 |
| 0 | ● | ● | ● | ● |
| 1 | ● | | | |
| 2 | | ● | | |
| 3 | | | ● | |
| 4 | | | | ● |
| 5 | | | | |
| 6 | | | | ● |
| 7 | | | | |
| 8 | ● | ● | ● | ● |
| 9 | | | | |
| A | ● | | | |
| B | | ● | | |
| C | | | ● | |
| D | | | | ● |
| E | ● | | | |
| F | | | | |

● CLOSED (Connected to C)

SPECIFICATIONS

FUNCTION:
 1 Pole, 16 Positions
 Complementary Code
 Washable

RATINGS:
 Switching: 100mA 5VDC and 30mA 15VDC
 Steady: 100mA 50VDC
 Minimum: 1µA 20mVDC

OPERATING TORQUE:
 400gf cm Max.

CONTACT RESISTANCE:
 Initial: 100mΩ Max. at 1.5mA 200µVAC

INSULATION RESISTANCE:
 100MΩ Min. at 250VDC

DIELECTRIC STRENGTH:
 250VAC For 1 Minute

ELECTRICAL LIFE:
 10,000 Steps

TEMPERATURE:
 Operating: -10°C to 60°C
 Storage: -40°C to 85°C

APPROVALS:
RoHS LEAD FREE
 COMPLIANT PROCESS COMPATIBLE

COLORS

BODY:
 Black
 ACTUATOR:
 Red

MATERIALS

BASE:
 Polyphenylene Sulfide (PPS)

COVER:
 Polyphenylene Sulfide (PPS)

ACTUATOR:
 Polyamide (PA)

SPRINGS:
 Stainless Steel (SUS301)

O-RING:
 Silicone Rubber

CONTACTS:
 Gold Over Nickel Plated Copper Alloy

TERMINALS:
 Gold Over Nickel Plated Copper Alloy

OBSOLETE
 Jan. 2016
 PCR 22138

| | | | |
|----------------|------|----------|-----|
| ACTUATOR | A | 10/04/26 | CAB |
| BODY | A | 10/04/26 | CAB |
| MATERIALS | A | 10/04/26 | CAB |
| PACKAGING | A | 10/01/19 | CAB |
| SPECIFICATIONS | A | 10/01/19 | CAB |
| REFERENCE | REV. | DATE | BY |

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| | | | | |
|------|-----------------|-------|----------|----------|
| A | INITIAL RELEASE | 19000 | 10/04/23 | CAB |
| REV. | DESCRIPTION | PCR | DATE | DRAWN BY |

| | |
|----------------------|------------|
| DIMENSIONS | |
| INCHES [MILLIMETERS] | |
| GENERAL TOLERANCES | |
| ±0.012 [±0.3] / ±1' | |
| SCALE | PROJECTION |
| DRAWING NOT TO SCALE | 1st Angle |

| | | | |
|----------|-------------|----------------|----------|
| | | | |
| SRK-16HC | | | |
| TITLE | ITEM NUMBER | DATE | REVISION |
| | 04-SRK16HC | APRIL 23, 2010 | A |