

## PMC-5025 Power Form C Switch



### Electrical Characteristics

|                                   |        |                 |
|-----------------------------------|--------|-----------------|
| Contact form                      |        | C               |
| Contact material                  |        | Rh              |
| Contact rating max.               | W / VA | 60              |
| Switching current max.            | A      | 1.0             |
| Carry current max.                | A      | 2.0             |
| Switching voltage max.            | VDC    | 230             |
|                                   | VAC    | 230             |
| Breakdown voltage min.            | VDC    | 400             |
| Contact resistance (initial) max. | mΩ     | 100             |
| Insulation resistance min.        | Ω      | 10 <sup>9</sup> |
| Capacitance typ.                  | pF     | 1.0             |

### Magnetical Characteristics

|                         |    |          |
|-------------------------|----|----------|
| Pull in range available | AT | 80 - 120 |
| Drop out min.           | AT | 20       |
| Test coil               | TC | 015      |

### Operating Characteristics

|                                  |    |             |
|----------------------------------|----|-------------|
| Operate time (incl. bounce) max. | ms | 4.5         |
| Release time max.                | ms | 4.5         |
| Switching frequency max.         | Hz | 100         |
| Resonant frequency typ.          | Hz |             |
| Vibration (50-2000 Hz)           | g  |             |
| Shock (1/2 sin 11 ms)            | g  | 50          |
| Operating temperature            | °C | -40 to +125 |

### Dimensions in mm

|                         |            |
|-------------------------|------------|
| A = Total length nom.   | 80.00      |
| B = Glass length max.   | 52.00      |
| C = Glass diameter max. | 5.60       |
| D = Wire diameter nom.  | 0.50 x 2.5 |
| E = Gap location nom.   | 37.00      |

