



Wirewound Resistors, Two and Four Terminal, Low Ohmic Value for Current Sensing



MODELS
SPR0676
SPR2039
SPR2093

Special Purpose
Open Style
Designed for
Printed Circuit Boards

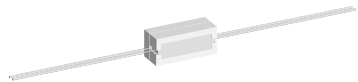
| STANDARD ELECTRICAL SPECIFICATIONS | | | | |
|------------------------------------|-------------|----------------|-------------------------------|--------------|
| GLOBAL MODEL | HIST. MODEL | WATTAGE | RESISTANCE RANGE (Ω) | TYPICAL TOL. |
| SPR0676 | SPR-676 | 1 | 0.0015 to 0.05 | $\pm 0.5\%$ |
| SPR2039 | SPR-2039 | 3.5 | 0.0033 to 0.05 | $\pm 1.0\%$ |
| SPR2093 | SPR-2093 | ⁽¹⁾ | 0.0005 to 0.002 | $\pm 1.5\%$ |

Note

⁽¹⁾ 13 W on 0.0005 Ω and 0.001 Ω , limited to 115 A.
10 W on 0.001 Ω and 0.002 Ω .

| DIMENSIONS in inches [millimeters] | | | | |
|------------------------------------|-------------|----------------------------|--|-------------------|
| GLOBAL MODEL | HIST. MODEL | HOLE PATTERN | | TERMINAL DIAMETER |
| SPR0676 | SPR-676 | 0.20 x 0.70 [5.08 x 17.78] | | 0.040 [1.02] |
| SPR2039 | SPR-2039 | 0.25 x 1.0 [6.35 x25.4] | | 0.051 [1.30] |
| SPR2093 | SPR-2093 | 0.25 x 1.0 [6.35 x25.4] | | 0.081 [2.06] |

Consult our engineering department for specific part numbers and detailed data sheets, see email address at the bottom of this page.



MODELS
SPR2073
SPR2123
SPR2091

Special Purpose
Ceramic Potted
Designed for
Rugged Applications

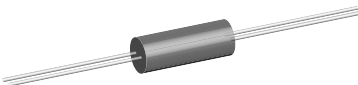
| STANDARD ELECTRICAL SPECIFICATIONS | | | | |
|------------------------------------|-------------|-------------------|-------------------------------|--------------|
| GLOBAL MODEL | HIST. MODEL | WATTAGE | RESISTANCE RANGE (Ω) | TYPICAL TOL. |
| SPR2073 | SPR-2073 | 3 ⁽²⁾ | 0.001 to 0.25 | $\pm 1.0\%$ |
| SPR2123 | SPR-2123 | 5 ⁽²⁾ | 0.001 to 0.25 | $\pm 1.0\%$ |
| SPR2091 | SPR-2091 | 10 ⁽²⁾ | 0.001 to 0.25 | $\pm 1.0\%$ |

Note

⁽²⁾ Limited to 25 A.

| DIMENSIONS in inches [millimeters] | | | | | |
|------------------------------------|-------------|---------------|--------------|--------------|----------------------------|
| GLOBAL MODEL | HIST. MODEL | LENGTH | WIDTH | HEIGHT | TERMINAL |
| SPR2073 | SPR-2073 | 0.875 [22.22] | 0.312 [7.94] | 0.312 [7.94] | 0.040 x 2.0 [1.02 x 50.80] |
| SPR2123 | SPR-2123 | 0.875 [22.22] | 0.375 [9.52] | 0.344 [8.73] | |
| SPR2091 | SPR-2091 | 1.875 [47.62] | 0.375 [9.52] | 0.344 [8.73] | |

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MODELS
SPR1005

Special Purpose
Silicone Molded
SPR-1005-26 Qualified
To MIL-PRF-49465/1
Type RLV-10

| STANDARD ELECTRICAL SPECIFICATIONS | | | | |
|------------------------------------|-------------|------------------|-------------------------------|--------------|
| GLOBAL MODEL | HIST. MODEL | WATTAGE | RESISTANCE RANGE (Ω) | TYPICAL TOL. |
| SPR1005 | SPR-1005 | 5 ⁽³⁾ | 0.0008 to 0.5 | $\pm 1.0\%$ |

Note

⁽³⁾ Limited to 25 A.

| DIMENSIONS in inches [millimeters] | | | | |
|------------------------------------|-------------|---------------|--------------|----------------------------|
| GLOBAL MODEL | HIST. MODEL | LENGTH | DIAMETER | TERMINAL |
| SPR1005 | SPR-1005 | 0.975 [24.77] | 0.380 [9.65] | 0.040 x 1.5 [1.02 x 38.10] |

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