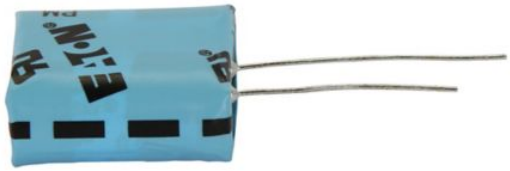
# Specifications







## Eaton PM-5R0V155-R

CAPACITOR, 1.5F, 5.0V, VERTICAL

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton PM cylindrical cell supercapacitor pack |
| **CATALOG NUMBER** | PM-5R0V155-R |
| **UPC** | 051712537186 |
| **EAN** | 5027590505284 |
| **PRODUCT LENGTH/DEPTH** | 21.3 mm |
| **PRODUCT HEIGHT** | 23 mm |
| **PRODUCT WIDTH** | 11 mm |
| **PRODUCT WEIGHT** | 5.4 g |
| **COMPLIANCES** | RoHS Compliant |
| **CERTIFICATIONS** | UL Recognized |

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## Product specifications

| | |
|---|---|
| **PACKING** | Bulk |
| **CONTACT CONFIGURATION** | Vertical |
| **SIZE** | 20.8 x 10.5 x 22.5 mm |
| **TERMINALS** | Through hole |
| **SHAPE** | Rectangular |
| **DC EQUIVALENT SERIES RESISTANCE (ESR)** | 0.07 Ω |
| **OPERATING TEMPERATURE RANGE** | -40 °C to +60 °C |
| **SERIES** | PM |
| **MAX VOLTAGE** | 5 V |
| **CAPACITANCE** | 1.5 F |
| **LEAKAGE** | 15 µA |
| **ENERGY** | 18.8 J |
| **POWER** | 63 W |
| **PEAK CURRENT (1 SEC)** | 3.3 A |
| **CAPACITANCE END OF LIFE RATING** | 70% |
| **ESR END OF LIFE RATING** | 200% |
| **GRADE** | Commercial |

## Resources

| | |
|---|---|
| **APPLICATION NOTES** | Supercapacitor soldering guidelines<br><br>High power supercapacitors enable new power applications and replace batteries<br><br>Methods for measuring capacitance, inflow current, internal resistance and ESR |
| **BROCHURES** | Supercapacitor selection guide<br><br>Eaton's electronics components portfolio overview brochure |
| **SPECIFICATIONS AND DATASHEETS** | Eaton PM supercapacitor data sheet |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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