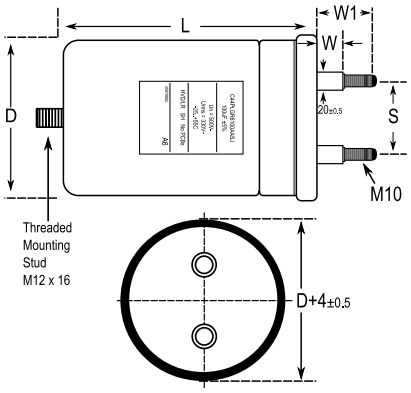
# KEMET Part Number: C44PRGR6120RASK

C44P-R, Film, Metallized Polypropylene, AC Filter, 120 uF, 10%, 640 VAC, 1400 VDC




| General Information | |
|---|---|
| **Series:** | C44P-R |
| **Dielectric:** | Metallized Polypropylene |
| **Style:** | Can |
| **Features:** | Single Phase PFC |
| **RoHS:** | Yes |
| **Lead:** | Threaded Studs M10 |
| **AEC-Q200:** | No |
| **Miscellaneous:** | Thermal Resistance = 4.1 C/W. |

| Dimensions | |
|---|---|
| **D** | 95mm +/-0.5mm |
| **L** | 197mm +/-2mm |
| **S** | 35mm +/-1mm |

| Packaging Specifications | |
|---|---|
| **Mounting:** | Bolt - M12x16 |
| **Packaging:** | Bulk, Bag |

| Specifications | |
|---|---|
| **Capacitance:** | 120 uF |
| **Capacitance Tolerance:** | 10% |
| **Voltage AC:** | 640 VAC |
| **Voltage DC:** | 1400 VDC |
| **Temperature Range:** | -25/+70°C |
| **Rated Temperature:** | 70°C |
| **Dissipation Factor:** | 0.02% 25C |
| **Max dV/dt:** | 30 V/us |
| **Resistance:** | 1.3 mOhms (10kHz) |
| **Ripple Current:** | 60 Amps (10kHz 40C) |
| **Inductance:** | 180 nH |

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