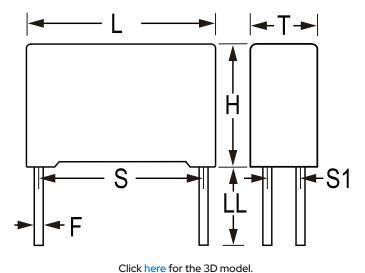


C4AF7BW5185F3MK

C4AF, Film, Metallized Polypropylene, Power, 18.5 uF, 10%, 700 VDC, 350 VAC, 85°C, 52.5 mm



| General Information | |
|--------------------------|---|
| Series | C4AF |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Harsh Environmental Conditions |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Typical Component Weight | 106 g |
| Miscellaneous | Rth = 12 C/W. |

Dimensions 57.5mm +0.6/-0.7mm 45mm +0.3/-0.7mm 30mm +0.5/-0.7mm

> 52.5mm +/-0.4mm 20.3mm +/-0.4mm 6mm +0/-2mm 1.2mm +/-0.05mm

Packaging Specifications

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| Packaging | Bulk, Box |
|--------------------|-----------|
| Packaging Quantity | 27 |

| Specifications | |
|-----------------------|--|
| Capacitance | 18.5 uF |
| Tolerance | 10% |
| Voltage DC | 700 VDC |
| Voltage AC | 350 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 1.62 GOhms |
| Max dV/dt | 12 V/us |
| ESR | 18.5 mOhms |
| Ripple Current | 17.1 Amps Irms (MAX), 222 Amps Ipkr |
| Inductance | 16.9 nH (ESL) |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.