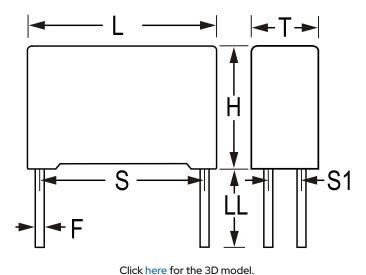


C4AF3EW5200A3AK

Not for New Design C4AF, Film, Metallized Polypropylene, Power, 20 uF, 10%, 800 VDC, 400 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,<br>VDE0560 |
| AEC-Q200                 | Yes                                     |
| Typical Component Weight | 195.7 g                                 |
| Miscellaneous            | Rth = 8 C/W.                            |

Dimensions 57.5mm +0.8/-0.7mm 56mm +0.3/-0.7mm 45mm +0.5/-0.7mm 52.5mm +/-0.4mm S1 20.3mm +/-0.4mm 6mm +0/-2mm LL 1.2mm +/-0.05mm

## **Packaging Specifications**

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| Packaging          | Bulk, Box |
|--------------------|-----------|
| Packaging Quantity | 18        |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 20 uF                                   |
| Tolerance             | 10%                                     |
| Voltage DC            | 800 VDC                                 |
| Voltage AC            | 400 VAC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Insulation Resistance | 1.5 GOhms                               |
| Max dV/dt             | 61 V/us                                 |
| ESR                   | 2.2 mOhms                               |
| Ripple Current        | 33.3 Amps Irms (MAX), 1220<br>Amps Ipkr |
| Inductance            | 41 nH (ESL)                             |

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