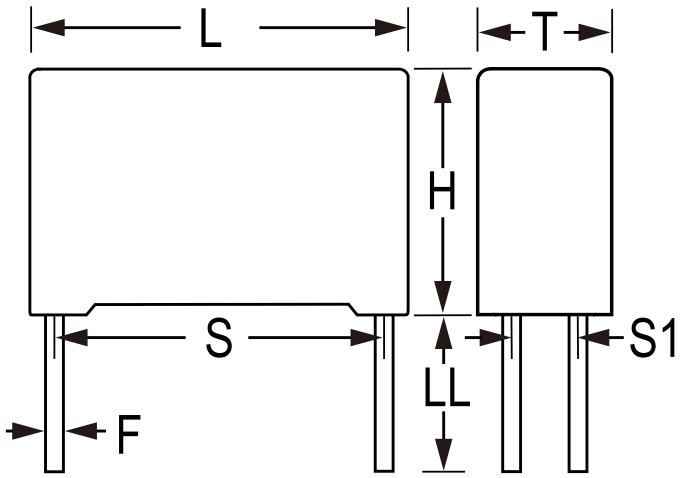
# C4AF1BW5220F3LK

C4AF, Film, Metallized Polypropylene, Power, 22 uF, 10%, 500 VDC, 250 VAC, 85°C, 37.5 mm




Click here for the 3D model.

| 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 |
| Typical Component Weight | 80 g |
| Miscellaneous | Rth = 15 C/W. |

| Dimensions | |
|---|---|
| L | 42mm +0.6/-0.7mm |
| H | 45mm +0.2/-0.7mm |
| T | 30mm +0.4/-0.7mm |
| S | 37.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |

| Packaging Specifications | |
|---|---|
| Packaging | Bulk, Box |
| Packaging Quantity | 36 |

| Specifications | |
|---|---|
| Capacitance | 22 uF |
| Tolerance | 10% |
| Voltage DC | 500 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 1.36 GOhms |
| Max dV/dt | 15 V/us |
| ESR | 4.7 mOhms |
| Ripple Current | 18.1 Amps Irms (MAX), 330 Amps Ipkr |
| Inductance | 16.9 nH (ESL) |

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