

C4AF, Film, Metallized Polypropylene, Power, 3.3 uF, 10%, 250 VAC, 500 VDC, 85°C, Lead Spacing = 27.5mm



| General Information |                                      |
|---------------------|--------------------------------------|
| Series:             | C4AF                                 |
| Dielectric:         | Metallized Polypropylene             |
| Style:              | Radial                               |
| Features:           | Harsh Environmental Conditions       |
| RoHS:               | Yes                                  |
| Lead:               | Wire Leads                           |
| Qualifications:     | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200:           | Yes                                  |
| Miscellaneous:      | Rth = 29 C/W.                        |

| Dimensions |                    |
|------------|--------------------|
| L          | 31.5mm +0.5/-0.7mm |
| H          | 29mm +0.2/-0.7mm   |
| T          | 19mm +0.3/-0.7mm   |
| S          | 27.5mm +/-0.4mm    |
| LL         | 6mm +0/-2mm        |
| F          | 0.8mm +/-0.05mm    |

| Specifications         |                                   |
|------------------------|-----------------------------------|
| Capacitance:           | 3.3 uF                            |
| Capacitance Tolerance: | 10%                               |
| Voltage AC:            | 250 VAC                           |
| Voltage DC:            | 500 VDC                           |
| Temperature Range:     | -55/+105°C                        |
| Rated Temperature:     | 85°C                              |
| Dissipation Factor:    | 0.07% MAX                         |
| Insulation Resistance: | 9.09 GOhms                        |
| Max dV/dt:             | 38 V/us                           |
| Resistance:            | 9 mOhms                           |
| Ripple Current:        | 8.9 Amps Irms (MAX), 125 Amps Ipk |
| Inductance:            | 26 nH (ESL)                       |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Box |
| Packaging Quantity:      | 72        |