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#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AQ                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| RoHS                     | Yes                                  |
| Lead                     | Wire Leads                           |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| Typical Component Weight | 21.2 g                               |
| Miscellaneous            | R <sub>th</sub> = 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 uF                                    |
| Tolerance             | 5%                                      |
| Voltage DC            | 1500 VDC                                |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 70°C                                    |
| Insulation Resistance | 10 GOhms                                |
| Max dV/dt             | 32 V/us                                 |
| ESR                   | 11.1 mOhms (10kHz 70C)                  |
| Ripple Current        | 9.1 Amps Irms (10kHz 70C), 95 Amps Ipkr |
| Inductance            | 25 nH                                   |

#### Packaging Specifications

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

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