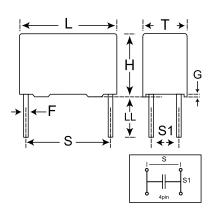
## **KEMET Part Number: C4AEQBW4800A3FJ**



## C4AE, Film, Metallized Polypropylene, DC Link, 8 uF, 5%, 1100 VDC, 70°C, Lead Spacing = 37.5mm



| General Information |                             |
|---------------------|-----------------------------|
| Series:             | C4AE                        |
| Dielectric:         | Metallized Polypropylene    |
| Style:              | Radial                      |
| RoHS:               | Yes                         |
| Termination:        | Tin                         |
| Lead:               | 4 Wire Leads                |
| AEC-Q200:           | No                          |
| Miscellaneous:      | Thermal Resistance = 20 C/W |
|                     |                             |

| Dimensions |                 |
|------------|-----------------|
| L          | 42mm +0.6mm     |
| Н          | 40mm +0.2mm     |
| Т          | 20mm +0.4mm     |
| S          | 37.5mm +/-0.4mm |
| S1         | 10.2mm +/-0.4mm |
| LL         | 6mm -2mm        |
| F          | 1.2mm NOM       |
| G          | 0.5mm NOM       |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 8 uF                                   |
| Capacitance Tolerance: | 5%                                     |
| Voltage DC:            | 1100 VDC                               |
| Temperature Range:     | -40/+85°C                              |
| Rated Temperature:     | 70°C                                   |
| Insulation Resistance: | 3.75 MOhms                             |
| Max dV/dt:             | 20 V/us                                |
| Resistance:            | 7.9 mOhms (10kHz 70C)                  |
| Ripple Current:        | 9 Amps (10kHz 70C), 157 Amps<br>(Peak) |
| Inductance:            | 30 nH                                  |

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

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