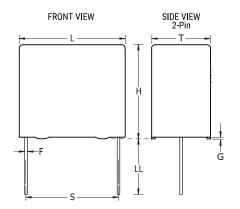
## KEMET Part Number: C4AEQBU4500A12J



C4AE, Film, Metallized Polypropylene, DC Link, 5 uF, 5%, 1100 VDC, 70C, Lead Spacing = 27.5mm



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 31.5mm +0.5mm   |  |
| н          | 37mm +0.2mm     |  |
| Т          | 22mm +0.3mm     |  |
| S          | 27.5mm +/-0.4mm |  |
| LL         | 6mm -2mm        |  |
| F          | 0.8mm NOM       |  |
| G          | 0.5mm NOM       |  |

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

| General Information |                             |  |
|---------------------|-----------------------------|--|
| Supplier:           | KEMET                       |  |
| Series:             | C4AE                        |  |
| Dielectric:         | Metallized Polypropylene    |  |
| Style:              | Radial                      |  |
| RoHS:               | Yes                         |  |
| Termination:        | Tin                         |  |
| Lead:               | Wire Leads                  |  |
| Miscellaneous:      | Thermal Resistance = 23 C/W |  |

| Specifications         |                                          |  |
|------------------------|------------------------------------------|--|
| Capacitance:           | 5 uF                                     |  |
| Capacitance Tolerance: | 5%                                       |  |
| Voltage DC:            | 1100 VDC                                 |  |
| Temperature Range:     | -40/+85C                                 |  |
| Rated Temperature:     | 70C                                      |  |
| Max dV/dt:             | 29 V/us                                  |  |
| Resistance:            | 8.2 mOhms (10kHz 70C)                    |  |
| Ripple Current:        | 8.5 Amps (10kHz 70C), 145<br>Amps (Peak) |  |
| Inductance:            | 28 nH                                    |  |

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