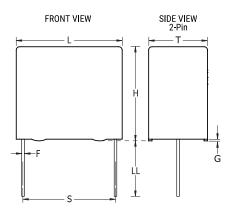
## **KEMET Part Number: C4AEJBU4500A1YJ**



## C4AE, Film, Metallized Polypropylene, DC Link, 5 uF, 5%, 700 VDC, 70°C, Lead Spacing = 27.5mm



| General Information |                             |
|---------------------|-----------------------------|
| Series:             | C4AE                        |
| Dielectric:         | Metallized Polypropylene    |
| Style:              | Radial                      |
| RoHS:               | Yes                         |
| Termination:        | Tin                         |
| Lead:               | Wire Leads                  |
| AEC-Q200:           | No                          |
| Miscellaneous:      | Thermal Resistance = 33 C/W |
|                     |                             |

| Dimensions |                 |
|------------|-----------------|
| L          | 31.5mm +0.5mm   |
| Н          | 28mm +0.2mm     |
| Т          | 14mm +0.3mm     |
| S          | 27.5mm +/-0.4mm |
| LL         | 6mm -2mm        |
| F          | 0.8mm NOM       |
| G          | 0.5mm NOM       |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 5 uF                                  |
| Capacitance Tolerance: | 5%                                    |
| Voltage DC:            | 700 VDC                               |
| Temperature Range:     | -40/+85°C                             |
| Rated Temperature:     | 70°C                                  |
| Insulation Resistance: | 6 MOhms                               |
| Max dV/dt:             | 19 V/us                               |
| Resistance:            | 10.7 mOhms (10kHz 70C)                |
| Ripple Current:        | 6 Amps (10kHz 70C), 96 Amps<br>(Peak) |
| Inductance:            | 26 nH                                 |

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

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