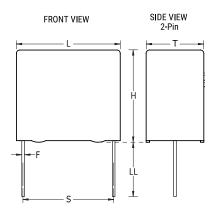
## **KEMET Part Number: C4ATDBU5300A30J**



## C4AT, Film, Metallized Polypropylene, Power, 30 uF, 5%, 160 VAC, 250 VDC, 70C, Lead Spacing = 37.5mm



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 42.5mm NOM      |  |
| Н          | 45mm NOM        |  |
| Т          | 30mm NOM        |  |
| S          | 37.5mm +/-0.4mm |  |
| LL         | 6mm -2mm        |  |
| F          | 1.2mm NOM       |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 36        |  |

| General Information |                          |  |
|---------------------|--------------------------|--|
| Supplier:           | KEMET                    |  |
| Series:             | C4AT                     |  |
| Dielectric:         | Metallized Polypropylene |  |
| Style:              | Radial                   |  |
| Features:           | Switching                |  |
| RoHS:               | Yes                      |  |
| Lead:               | Wire Leads               |  |

| Specifications         |  |  |
|------------------------|--|--|
| Capacitance:           | 30 uF                                    |  |
| Capacitance Tolerance: | 5%                                       |  |
| Voltage AC:            | 160 VAC                                  |  |
| Voltage DC:            | 250 VDC                                  |  |
| Temperature Range:     | -40/+85C                                 |  |
| Rated Temperature:     | 70C                                      |  |
| Dissipation Factor:    | 0.05%                                    |  |
| Max dV/dt:             | 20 V/us                                  |  |
| Resistance:            | 3.7 mOhms (100kHz)                       |  |
| Ripple Current:        | 12 Amps (100kHz 70C), 600<br>Amps (Peak) |  |

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