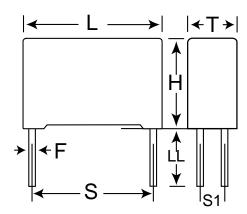
KEMET Part Number: C4AEGBW5500A3LJ



Capacitor, film, Metallized Polypropylene, 50 uF, +/-5% Tol, -40/+85C, DC Link



| Dimensions (mm) | | | | |
|-----------------|-----------|-----------|--|--|
| Symbol | Dimension | Tolerance | | |
| L | 42 | NOM | | |
| Н | 45 | NOM | | |
| Т | 30 | NOM | | |
| S | 37.5 | +/-0.4 | | |
| S1 | 20.3 | +/-0.4 | | |
| LL | 6 | -2 | | |

| Notes: | | |
|--------------|--|--|
| -F = 1.2 nom | | |

| General Information | | |
|---------------------|--------------------------|--|
| Supplier: | KEMET | |
| Dielectric: | Metallized Polypropylene | |
| Application: | DC Link | |
| Style: | Radial Box | |
| RoHS: | Yes | |

| Specifications | |
|-------------------------|-----------------------------|
| Capacitance: | 50 uF |
| Voltage: | 450 V |
| Tolerance: | +/-5% |
| Rated Temperature: | 70C |
| Temperature Range: | -40/+85C |
| Maximum dVdT: | 10 v/us |
| Current/Ripple Current: | 18 Amps (10kHz 70C) |
| Current/Ripple Current: | 508 Amps (Peak) |
| Resistance/ESR: | 2.5 mOhms (10kHz 70C) |
| Inductance: | 30 nH |
| Miscellaneous: | Thermal Resistance = 15 C/W |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |

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