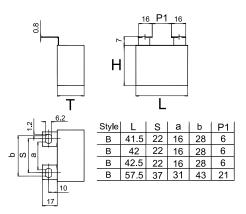
## **KEMET Part Number: C4BSMBX4500ZBNJ**



## Capacitor, film, Metallized Polypropylene, 5 uF, +/-5% Tol, -40/+85C, Power, 550 VAC



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 57.5      | NOM       |  |
| Н               | 50        | NOM       |  |
| Т               | 35        | NOM       |  |
| S               | 37        |           |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Quantity:        | 21   |  |

| General Information |                          |  |
|---------------------|--------------------------|--|
| Supplier:           | KEMET                    |  |
| Dielectric:         | Metallized Polypropylene |  |
| Application:        | Power                    |  |
| Style:              | Radial Box               |  |
| Features:           | IGBT Circuit             |  |
| RoHS:               | Yes                      |  |

| Specifications          |                      |  |
|-------------------------|----------------------|--|
| Capacitance:            | 5 uF                 |  |
| Voltage:                | 850 V                |  |
| Tolerance:              | +/-5%                |  |
| Voltage AC:             | 550 VAC              |  |
| Rated Temperature:      | 70C                  |  |
| Temperature Range:      | -40/+85C             |  |
| Maximum dVdT:           | 469 v/us             |  |
| Current/Ripple Current: | 42 Amps (100kHz 70C) |  |
| Current/Ripple Current: | 2347 Amps (Peak)     |  |
| Resistance/ESR:         | 1.9 mOhms (100kHz)   |  |
| Inductance:             | 48 nH                |  |
| Miscellaneous:          | Kemet Style B Tabs   |  |

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