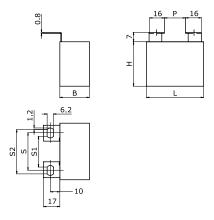
## **KEMET Part Number: C4BSNBX4200ZBLJ**



## C4BS, Film, Metallized Polypropylene, Power, 2 uF, 5%, 600 VAC, 1000 VDC, 70C, Lead Spacing = 22mm



| Dimensions |          |  |
|------------|----------|--|
| L          | 42mm NOM |  |
| Н          | 45mm NOM |  |
| Т          | 30mm NOM |  |
| S          | 22mm NOM |  |
| S1         | 16mm NOM |  |
| Р          | 6mm NOM  |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 32        |  |

| General Information |                          |  |
|---------------------|--------------------------|--|
| Supplier:           | KEMET                    |  |
| Series:             | C4BS                     |  |
| Dielectric:         | Metallized Polypropylene |  |
| Style:              | Radial                   |  |
| Features:           | IGBT Circuit             |  |
| RoHS:               | Yes                      |  |
| Lead:               | Flat Tabs                |  |
| Miscellaneous:      | Kemet Style B Tabs       |  |

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 2 uF                                      |  |
| Capacitance Tolerance: | 5%  |  |
| Voltage AC:            | 600 VAC                                   |  |
| Voltage DC:            | 1000 VDC                                  |  |
| Temperature Range:     | -40/+85C                                  |  |
| Rated Temperature:     | 70C                                       |  |
| Max dV/dt:             | 827 V/us                                  |  |
| Resistance:            | 2 mOhms (100kHz)                          |  |
| Ripple Current:        | 36 Amps (100kHz 70C), 1655<br>Amps (Peak) |  |
| Inductance:            | 43 nH                                     |  |

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