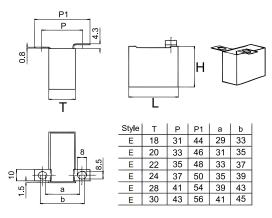
## **KEMET Part Number: C4BSNBX4100ZEFJ**



## Capacitor, Film, Metallized Polypropylene, 1 uF, +/-5% Tol, -40/+85C, Power, 600 VAC



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 41.5      | NOM       |  |
| Н               | 40        | NOM       |  |
| Т               | 20        | NOM       |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Quantity:        | 52   |  |

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

| Specifications          |                      |  |
|-------------------------|----------------------|--|
| Capacitance:            | 1 uF                 |  |
| Voltage:                | 1000 V               |  |
| Tolerance:              | +/-5%                |  |
| Voltage AC:             | 600 VAC              |  |
| Rated Temperature:      | 70C                  |  |
| Temperature Range:      | -40/+85C             |  |
| Maximum dVdT:           | 827 v/us             |  |
| Current/Ripple Current: | 23 Amps (100kHz 70C) |  |
| Current/Ripple Current: | 827 Amps (Peak)      |  |
| Resistance/ESR:         | 3.7 mOhms (100kHz)   |  |
| Inductance:             | 41 nH                |  |
| Miscellaneous:          | Kemet Style E Tabs   |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

