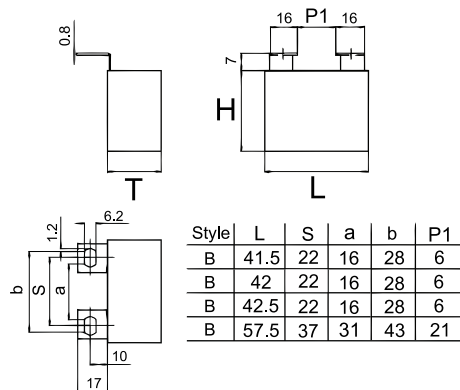


Capacitor, film, Metallized Polypropylene, 1 uF, +/-5% Tol, -40/+85C, Power, 600 VAC



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 41.5      | NOM       |
| H               | 40        | NOM       |
| T               | 20        | NOM       |
| S               | 22        |           |

| 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 B Tabs   |