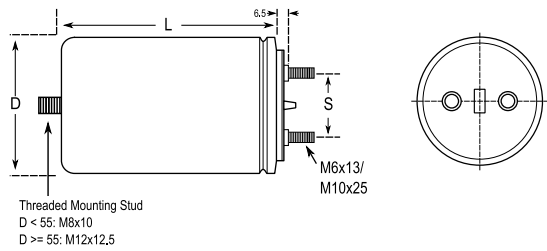


KEMET Part Number: C44APFP4200ZD0J



Capacitor, film, Metallized Polypropylene, 2 uF, +/-5% Tol, -40/+85C, Power, 500 VAC



Dimensions (mm)

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| D      | 45        | +/-0.5    |
| L      | 80        | +/-2      |
| S      | 22.3      | +/-0.5    |

Packaging Specifications

|                   |      |
|-------------------|------|
| Package Kind:     | Bulk |
| Package Quantity: | 60   |

General Information

|                |                          |
|----------------|--------------------------|
| Supplier:      | KEMET                    |
| Dielectric:    | Metallized Polypropylene |
| Application:   | Power                    |
| Style:         | Aluminum Can             |
| Mounting Type: | Bolt: M8x10              |
| RoHS:          | Yes                      |

Specifications

|                         |                               |
|-------------------------|-------------------------------|
| Capacitance:            | 2 uF                          |
| Voltage:                | 1200 V                        |
| Tolerance:              | +/-5%                         |
| Voltage AC:             | 500 VAC                       |
| Rated Temperature:      | 70C                           |
| Temperature Range:      | -40/+85C                      |
| Maximum dVdT:           | 300 v/us                      |
| Current/Ripple Current: | 15 Amps                       |
| Current/Ripple Current: | 600 Amps (Peak)               |
| Resistance/ESR:         | 2.5 mOhms (TYP)               |
| Miscellaneous:          | Thermal Resistance = 17.7 C/W |

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