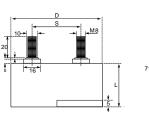
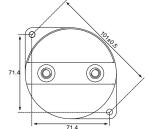
## **KEMET Part Number: C4DEFPQ6175A8TK**



## Capacitor, film, 175 uF, +/-10% Tol, -40/+85C, DC Link, 400VDC@85° C





| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 40        | +/-2      |  |
| LL              | 20        | NOM       |  |
| F               | 10        | NOM       |  |

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

| General Information       |                          |  |
|---------------------------|--------------------------|--|
| Supplier:                 | KEMET                    |  |
| Miscellaneous Electrical: | Current RMS @ Rated Temp |  |

| Specifications            |                          |  |
|---------------------------|--------------------------|--|
| Capacitance:              | 175 uF                   |  |
| Rated Temperature:        | 85° C                    |  |
| Voltage @ rated temp:     | 400VDC                   |  |
| Tolerance:                | +/-10%                   |  |
| Dielectric:               | Metallized Polypropylene |  |
| Application:              | DC Link                  |  |
| Body Type:                | Plastic Can              |  |
| Construction:             | Wound                    |  |
| Lead Type:                | Screw Terminal           |  |
| Lead Form:                | Threaded Studs           |  |
| Lead Specification:       | M8                       |  |
| Temperature Range:        | -40/+85C                 |  |
| Mounting Type:            | Flange Mount             |  |
| Current (RMS):            | 46.0                     |  |
| Peak Pulse Current:       | 4375.0                   |  |
| ESR at 10kHz @ room temp: | 0 mOhm                   |  |
| Maximum dVdT:             | 25v/us                   |  |

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