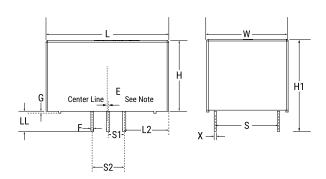
## KEMET Part Number: MDK15275K50B53P3TUBE

(F683AB275K050T)



MDK/F68, Film, Metallized Polyester, Dual-In-Line, 2.7 uF, 10%, 30 VAC, 50 VDC, 85°C, 15mm



| General Information |                      |  |
|---------------------|----------------------|--|
| Series:             | MDK/F68              |  |
| Dielectric:         | Metallized Polyester |  |
| Style:              | Dual-In-Line         |  |
| RoHS:               | Yes                  |  |
| Lead:               | Wire Leads           |  |
| AEC-Q200:           | No                   |  |

| Dimensions |                  |
|------------|------------------|
| L          | 11mm +/-0.2mm    |
| L2         | 2.96mm MAX       |
| W          | 16.5mm +/-0.2mm  |
| Н          | 6.05mm +/-0.2mm  |
| H1         | 9.25mm +1mm      |
| S          | 15mm +/-0.2mm    |
| S1         | 2.54mm +/-0.2mm  |
| S2         | 5.08mm +/-0.2mm  |
| LL         | 3.2mm +1mm       |
| F          | 0.5mm +/-0.05mm  |
| E          | 0.2mm MAX        |
| G          | 0.3mm MAX        |
| Х          | 0.35mm +/-0.05mm |

| Specifications         |                                     |
|------------------------|-------------------------------------|
| Capacitance:           | 2.7 uF                              |
| Capacitance Tolerance: | 10%                                 |
| Voltage AC:            | 30 VAC                              |
| Voltage DC:            | 50 VDC                              |
| Temperature Range:     | -55/+125°C                          |
| Rated Temperature:     | 85°C                                |
| Dissipation Factor:    | 0.8% 1kHz, 1.5% 10kHz, 5%<br>100kHz |
| Insulation Resistance: | 1.8518 GOhms                        |
| Inductance:            | 4 nH                                |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging:               | Tube |  |
| Packaging Quantity:      | 43   |  |

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