

**KEMET Part Number: MMK37.5185M1000R02L4TRAY**  
(F601RK185M1K0C, MMK37,5185M1000R02L4TRAY)



MMK/F601, Film, Metallized Polyester, General Purpose, 1.8 uF, 20%, 1000 VDC, 85°C, Lead Spacing = 37.5mm



| General Information |  |
|---------------------|--|
| Series:             | MMK/F601   |
| Dielectric:         | Metallized Polyester   |
| Style:              | Radial   |
| Features:           | DC Multipurpose Applications   |
| RoHS:               | Yes  |
| Lead:               | Wire Leads   |
| AEC-Q200:           | No   |
| Notes:              | Not For New Design, Please Check Possible Alternative Parts (AltPart). |

| Dimensions |                 |
|------------|-----------------|
| L          | 41mm MAX        |
| H          | 32mm MAX        |
| T          | 16.5mm MAX      |
| S          | 37.5mm +/-0.5mm |
| LL         | 5mm NOM         |
| F          | 1mm NOM         |

| Specifications         |                          |
|------------------------|--------------------------|
| Capacitance:           | 1.8 uF                   |
| Capacitance Tolerance: | 20%                      |
| Voltage AC:            | 250 VAC                  |
| Voltage DC:            | 1000 VDC, 775 VDC (100C) |
| Temperature Range:     | -55/+100°C               |
| Rated Temperature:     | 85°C                     |
| Dissipation Factor:    | 1% 1kHz                  |
| Insulation Resistance: | 5.5556 GOhms             |
| Max dV/dt:             | 10 V/us                  |
| Inductance:            | 6 nH                     |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | Tray |
| Packaging Quantity:      | 105  |

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