

**KEMET Part Number: PHE845VW7100MR06L2**  
 (F845RP105M760C, PHE845VW7100MR06R06L2)



PHE845/F845, Film, Metallized Polypropylene, Safety, 1 uF, 20%, 760 VAC (X1), 1500 VDC, 105°C, Lead Spacing = 37.5mm



| General Information |                          |
|---------------------|--------------------------|
| Series:             | PHE845/F845              |
| Dielectric:         | Metallized Polypropylene |
| Style:              | Radial                   |
| Features:           | EMI Safety               |
| RoHS:               | Yes                      |
| Lead:               | Wire Leads               |
| Safety Class:       | X1                       |
| Qualifications:     | ENEC, UL, cUL            |
| AEC-Q200:           | No                       |

| Dimensions |                 |
|------------|-----------------|
| L          | 41mm MAX        |
| H          | 38mm MAX        |
| T          | 21mm MAX        |
| S          | 37.5mm +/-0.5mm |
| LL         | 6mm -1mm        |
| F          | 1mm NOM         |

| Specifications         |                       |
|------------------------|-----------------------|
| Capacitance:           | 1 uF                  |
| Capacitance Tolerance: | 20%                   |
| Voltage AC:            | 760 VAC (X1)          |
| Voltage DC:            | 1500 VDC              |
| Temperature Range:     | -40/+105°C            |
| Rated Temperature:     | 105°C                 |
| Dissipation Factor:    | 0.1% 1kHz, 0.4% 10kHz |
| Insulation Resistance: | 10 GOhms              |
| Max dV/dt:             | 100 V/us              |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | Tray |
| Packaging Quantity:      | 84   |

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