

**KEMET Part Number: PHE845VF6100MR30L2**  
 (F845FE104M760ALW0L, PHE845VF6100MF11R30L2)

Capacitor, film, 0.1 uF, +/-20% Tol, -40/+105C, Safety: X1, 760 VAC, Lead Spacing=27.5 mm



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 31.5      | MAX       |
| H               | 20.5      | MAX       |
| T               | 10.5      | MAX       |
| S               | 27.5      | +/-0.4    |
| LL              | 30        | +0/-1     |
| F               | 0.8       | NOM       |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Type:            | Tray |
| Package Quantity:        | 216  |

| General Information |                          |
|---------------------|--------------------------|
| Supplier:           | KEMET                    |
| Dielectric:         | Metallized Polypropylene |
| Application:        | Safety: X1               |
| Style:              | Radial Box               |
| Lead Form:          | Wire Leads               |
| Approvals:          | ENEC,UL,cUL              |
| RoHS:               | Yes                      |

| Specifications               |           |
|------------------------------|-----------|
| Capacitance:                 | 0.1 uF    |
| Voltage:                     | 1500 VDC  |
| Tolerance:                   | +/-20%    |
| Voltage AC:                  | 760 VAC   |
| Rated Temperature:           | 105C      |
| Temperature Range:           | -40/+105C |
| Dissipation Factor @ 1 kHz:  | 0.1%      |
| Dissipation Factor @ 10 kHz: | 0.2%      |
| Dissipation Factor @ 100kHz: | 0.6%      |
| Insulation Resistance:       | 30 GOhm   |
| Maximum dVdT:                | 100 v/us  |