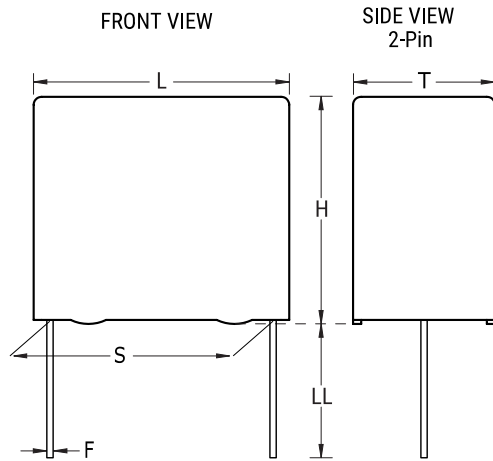


## PHE820EB6100KR17

Aliases (F720BQ104K300A)

Obsolete

PHE820E/F720, Film, Metallized Polyester, Safety, 0.1 uF, 10%, 760 VDC, 300 VAC (X2), 100°C, 15 mm



Click [here](#) for the 3D model.

### General Information

|                          |  |
|--------------------------|--|
| Series                   | PHE820E/F720   |
| Dielectric               | Metallized Polyester   |
| Style                    | Radial   |
| Features                 | EMI Safety   |
| RoHS                     | Yes  |
| Termination              | Tinned Wire  |
| Lead                     | Wire Leads   |
| Safety Class             | X2   |
| Qualifications           | ENEC, UL, cUL  |
| AEC-Q200                 | No   |
| Typical Component Weight | 3.61 g   |
| Miscellaneous            | SRF = 4.5 MHz.   |
| Notes                    | Not for new design – the replacement series is: R46 X2 310VAC. |

### Dimensions

|    |               |
|----|---------------|
| L  | 18mm MAX      |
| H  | 16mm MAX      |
| T  | 8.5mm MAX     |
| S  | 15mm +/-0.4mm |
| LL | 17mm -1mm     |
| F  | 0.8mm NOM     |
| G  | 0.5mm NOM     |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 400       |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.1 uF       |
| Tolerance             | 10%          |
| Voltage DC            | 760 VDC      |
| Voltage AC            | 300 VAC (X2) |
| Temperature Range     | -40/+100°C   |
| Rated Temperature     | 100°C        |
| Dissipation Factor    | 1% 1kHz      |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 100 V/us     |

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