

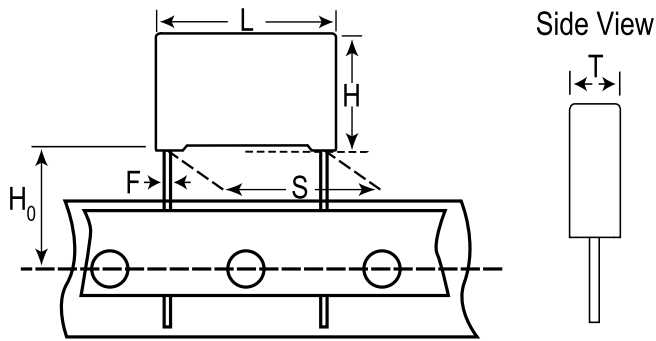
# PHE840EB6100MB05R17T0

Aliases (F840BE104M300L)

Not for New Design

Recommended Replacement Series R46 X2 310 VAC

PHE840E/F840, Film, Metallized Polypropylene, Safety, 0.1 uF, 20%, 760 VDC, 300 VAC (X2), 105°C, 15 mm



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

## General Information

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| Series                   | PHE840E/F840                                                   |
| Dielectric               | Metallized Polypropylene                                       |
| 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 | 1.686 g                                                        |
| Notes                    | Not for new design – the replacement series is: R46 X2 310VAC. |

## Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.1 uF                             |
| Tolerance             | 20%                                |
| Voltage DC            | 760 VDC                            |
| Voltage AC            | 300 VAC (X2)                       |
| Temperature Range     | -55/+105°C                         |
| Rated Temperature     | 105°C                              |
| Dissipation Factor    | 0.1% 1kHz, 0.2% 10kHz, 0.6% 100kHz |
| Insulation Resistance | 30 GOhms                           |
| Max dV/dt             | 100 V/us                           |

## Dimensions

|    |                  |
|----|------------------|
| L  | 18mm MAX         |
| H  | 12.5mm MAX       |
| T  | 5.5mm MAX        |
| S  | 15mm +0.6/-0.1mm |
| H0 | 17mm NOM         |
| F  | 0.8mm NOM        |

## Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 600 |

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