

## PHE840EA5220MA01R17

Aliases (F840AG223M300A)

Not for New Design • Recommended Replacement Series R46 X2 310 VAC

PHE840E/F840, Film, Metallized Polypropylene, Safety, 0.022 uF, 20%, 300 VAC (X2), 760 VDC, 105°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions |               |
|------------|---------------|
| L          | 13mm MAX      |
| Н          | 9mm MAX       |
| Т          | 4mm MAX       |
| S          | 10mm +/-0.4mm |
| LL         | 17mm NOM      |
| F          | 0.6mm NOM     |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 1000      |  |

| General Information |  |
|---------------------|--|
| Series              | PHE840E/F840   |
| Dielectric          | Metallized Polypropylene                                       |
| Style               | Radial   |
| Features            | EMI Safety   |
| RoHS                | Yes  |
| Lead                | Wire Leads   |
| Safety Class        | X2   |
| Qualifications      | ENEC, UL, cUL  |
| AEC-Q200            | No   |
| THB<br>Performance  | No   |
| Component<br>Weight | 0.62 g   |
| Notes               | Not for new design – the replacement series is: R46 X2 310VAC. |

| Specifications        |                                    |  |
|-----------------------|------------------------------------|--|
| Capacitance           | 0.022 uF                           |  |
| Capacitance Tolerance | 20%                                |  |
| Voltage AC            | 300 VAC (X2)                       |  |
| Voltage DC            | 760 VDC                            |  |
| 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                           |  |

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