

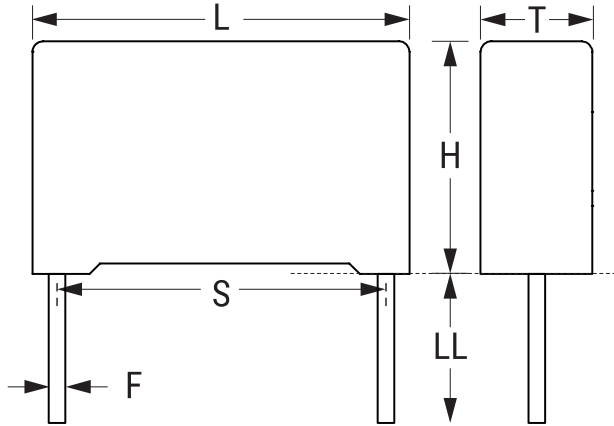
## PHE840MZ7220MF14R06L2

Aliases (F840FR225M275C)

Not for New Design

Recommended Replacement Series R46 X2 310 VAC

PHE840M/F840, Film, Metallized Polypropylene, Safety, 2.2 uF, 20%, 760 VDC, 275 VAC (X2), 105°C, 27.5 mm



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

### General Information

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| Series                   | PHE840M/F840                                                   |
| Dielectric               | Metallized Polypropylene                                       |
| Style                    | Radial                                                         |
| Features                 | EMI Safety                                                     |
| RoHS                     | Yes                                                            |
| Termination              | Tinned Wire                                                    |
| Lead                     | Wire Leads                                                     |
| Safety Class             | X2                                                             |
| Qualifications           | ENEC, UL, cUL                                                  |
| Typical Component Weight | 15.3 g                                                         |
| Notes                    | Not for new design – the replacement series is: R46 X2 310VAC. |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 31.5mm MAX      |
| H  | 28mm MAX        |
| T  | 17.5mm MAX      |
| S  | 27.5mm +/-0.4mm |
| LL | 6mm NOM         |
| F  | 0.8mm NOM       |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 126  |

### Specifications

|                       |                       |
|-----------------------|-----------------------|
| Capacitance           | 2.2 uF                |
| Tolerance             | 20%                   |
| Voltage DC            | 760 VDC               |
| Voltage AC            | 275 VAC (X2)          |
| Temperature Range     | -55/+105°C            |
| Rated Temperature     | 105°C                 |
| Dissipation Factor    | 0.1% 1kHz, 0.8% 10kHz |
| Insulation Resistance | 4.5454 GOhms          |
| Max dV/dt             | 100 V/us              |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.