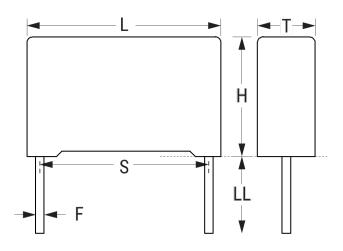


## R76IR42705040K

## Aliases (76IR42705040K)

R76, Film, Double Metallized Polypropylene, General Purpose, 2.7 uF, 10%, 250 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| н          | 30mm +0.1/-0.7mm |
| Т          | 16mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

## **Packaging Specifications**

Packaging Quantity

144

| General Information |   |
|---------------------|---|
| Series              | R76                                       |
| Dielectric          | Double Metallized Polypropylene           |
| Style               | Radial                                    |
| Features            | Pulse                                     |
| RoHS                | Yes                                       |
| Lead                | Wire Leads                                |
| AEC-Q200            | No  |
| Component Weight    | 18 g                                      |
| Miscellaneous       | Voltage Derating: 1.25%/C Above 85C (DC). |

| Specifications           |   |  |
|--------------------------|---|--|
| Capacitance              | 2.7 uF                                      |  |
| Capacitance<br>Tolerance | 10%   |  |
| Voltage AC               | 180 VAC                                     |  |
| Voltage DC               | 250 VDC                                     |  |
| Temperature Range        | -55/+110°C                                  |  |
| Rated Temperature        | 85°C  |  |
| Insulation Resistance    | 11.111 GOhms                                |  |
| Max dV/dt                | 200 V/us                                    |  |
| Resistance               | 7.074 mOhms (100kHz)                        |  |
| Ripple Current           | 10.73 Amps (100kHz 85C), 540 Amps<br>(Peak) |  |
| Inductance               | 18 nH                                       |  |

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.

单击下面可查看定价,库存,交付和生命周期等信息

>>KEMET(基美)