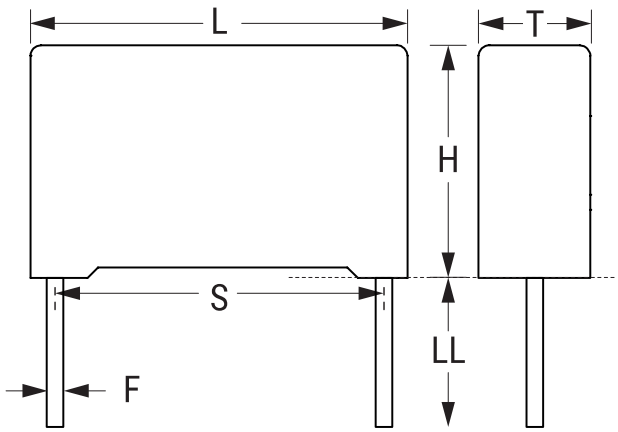
# R71QR4180AA10K

Aliases (71QR4180AA10K)

R71, Film, Metallized Polypropylene, General Purpose, 1.8 uF, 10%, 1,000 VDC, 105°C, 27.5 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | R71 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | PFC and Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| AEC-Q200 | No |
| Typical Component Weight | 14.33 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

| Dimensions | |
|---|---|
| L | 32mm +0.3/-0.7mm |
| H | 28mm +0.1/-0.7mm |
| T | 14mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|---|---|
| Packaging | Tray |
| Packaging Quantity | 352 |

| Specifications | |
|---|---|
| Capacitance | 1.8 uF |
| Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Voltage AC | 275 VAC |
| Temperature Range | -40/+110°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.1% 25C |
| Insulation Resistance | 16.6667 GOhms |
| Max dV/dt | 180 V/us |
| ESR | 66.3 mOhms (100kHz) |
| Ripple Current | 2.24 Amps (100kHz 85C), 324 Amps (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.



© 2006 - 2025 YAGEO