

## R75GR4560AA00K

Aliases (75GR4560AA00K)

R75, Film, Metallized Polypropylene, General Purpose, 5.6 uF, 10%, 160 VDC, 85°C, 27.5 mm



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

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Typical Component Weight	15.05 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/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	5.6 uF
Tolerance	10%
Voltage DC	160 VDC
Voltage AC	90 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	5.3571 GOhms
Max dV/dt	60 V/us
ESR	4.3 mOhms (100kHz)
Ripple Current	13.41 Amps (100kHz 85C), 336 Amps (Peak)
Inductance	18 nH

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