

R75GN4120DQ00J

Aliases (75GN4120DQ00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1.2 uF, 5%, 160 VDC, 85°C, Lead Spacing = 22.5mm



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Dimensions

L	26.5mm +0.3/-0.5mm
H	17mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	280

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	1.2 uF
Capacitance Tolerance	5%
Voltage AC	90 VAC
Voltage DC	160 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	25 GOhms
Max dV/dt	60 V/us
Resistance	13.26 mOhms (100kHz)
Ripple Current	6.27 Amps (100kHz 85C), 84 Amps (Peak)
Inductance	18 nH

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