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Dimensions

L	26.5mm +0.3/-0.5mm
H	29.5mm +0.1/-0.5mm
T	14.5mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	2.7mm +0.5mm
F	0.8mm +/-0.4mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	264

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications

Capacitance	0.22 uF
Capacitance Tolerance	5%
Voltage DC	1250 VDC
Voltage AC	600 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	2100 V/us
ESR	5.064 mOhms (100kHz)
Ripple Current	12.04 Amps (100kHz 85C), 462 Amps (Peak)
Inductance	16 nH