

Dimension

H T

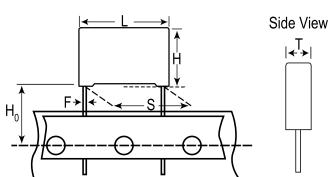
s

HO

R75GD3220DQA0K

Aliases (75GD3220DQA0K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.22 uF, 10%, 160 VDC, 85° C, 7.5 mm



			Lead
			Qualifications
		AEC-Q200	
			Typical Component Weight
			Miscellaneous
Click here fo	or the 3D model.		
าร			Specifications
	10.5mm +0.2/-0.5mm		Capacitance
	12mm +0.1/-0.5mm		Tolerance
	6mm +0.1/-0.5mm		Voltage DC

F	0.5mm +/-0.05mm	Rated Temperature
		Dissipation Factor
Packaging Specifications		Insulation Resistance
Packaging	Ammo, 360x340x59mm, Box	Max dV/dt
Packaging Quantity	1350	ESR
		Ripple Current

7.5mm +/-0.4mm

18.5mm +/-0.5mm

General Information				
Series	R75			
Dielectric	Metallized Polypropylene			
Style	Radial			
Features	Automotive Grade, Pulse			
RoHS	Yes			
Termination	Tinned Wire			
Lead	Wire Leads			
Qualifications	AEC-Q200			
AEC-Q200	Yes			
Typical Component Weight	0.98 g			
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.			

Specifications	
	0.22 uF
Capacitance	0.22 ur
Tolerance	10%
Voltage DC	160 VDC
Voltage AC	70 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	100 V/us
ESR	8.7 mOhms (100kHz)
Ripple Current	5.76 Amps (100kHz 85C), 22 Amps (Peak)
Inductance	8 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.

Generated 05/24/2025 © 2006 - 2025 YAGEO