

R76TN2330SE40K

Aliases (76TN2330SE40K)

General Information

Typical Component Weight

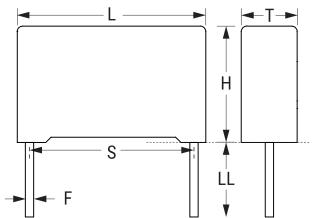
Series Dielectric

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.033 uF, 10%, 1,600 VDC, 85°C, 22.5 mm

R76

2.36 g

Double Metallized Polypropylene



Style Radial	
Features Automotive Grade, Pulse	
RoHS Yes	
Termination Cut (Tinned Wire)	
Lead Cut	
Qualifications AEC-Q200	
AEC-Q200 Yes	

Click here for the 3D model.

L 26.5mm +0.3/-0.5mm H 15mm +0.1/-0.5mm T 6mm +0.2/-0.5mm S 22.5mm +/-0.4mm LL 4mm +2mm F 0.8mm +/-0.05mm	Dimensions	
T 6mm +0.2/-0.5mm S 22.5mm +/-0.4mm LL 4mm +2mm	L	26.5mm +0.3/-0.5mm
S 22.5mm +/-0.4mm LL 4mm +2mm	Н	15mm +0.1/-0.5mm
LL 4mm +2mm	Т	6mm +0.2/-0.5mm
	S	22.5mm +/-0.4mm
F 0.8mm +/-0.05mm	LL	4mm +2mm
	F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	805

Specifications	
Capacitance	0.033 uF
Tolerance	10%
Voltage DC	1600 VDC
Voltage AC	650 VAC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	3,000 V/us
ESR	19.29 mOhms (100kHz)
Ripple Current	4.9 Amps (100kHz 85C), 99 Amps (Peak)
Inductance	16 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 11/01/2025 © 2006 - 2025 YAGEO