Axial Capacitors

B40600A7108M001

Applications	Automotive
Features	High Ripple Current High Ripple Current Low ESR Low ESR Forced Cooling Optimized for Forced Cooling
Series	B40600
Status	Production
Simulate Useful Life	AlCap Useful Life Calculation Tool
Brand	TDK



Size	
Diameter (D)	14mm +0.5mm
Length (L)	30mm +0.5mm
Detail Size Information	Please refer to the data sheet

Electrical Characteristics	
Rated Capacitance	1000µF ±20% (100Hz, 20°C)
Rated Voltage V_R [DC]	35V
Surge Voltage Vs [DC]	40.25V
Rated Ripple Current $I_{AC, R}$	8.5A (20kHz, Ta=125°C)
Maximum Permissible Ripple Current $I_{AC, max.}$	24.8A (20kHz, Tc=125°C)
$ESR_{max.}$	4.4mΩ (20kHz, 20°C) 6.1mΩ (20kHz, -40°C)
Dissipation Factor tan δ	
Leakage Current	210µA (35V, 20°C, 5min)
ESL (Self Inductance)	24nH
Lower Category Temperature	-55°C
Upper Operating Temperature	150°C
Rated Useful Life	>4000h
Further Details	Please refer to the data sheet

Other	
Vibration Resistance	30g
Vibration Fixation Method	Case
Terminal Style	Axial-lead
Terminal Configuration	Axial long leads
Design	PET insulation sleeve orange
Reference Standards	Sectional specification IEC 60384-4 AEC-Q200

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Soldering Method	Wave and selective wave Welding
Packing	Axial Pallet
Package Quantity	200pcs
Minimum Order Quantity	3200pcs
Weight	7.3g
Further Details	Please refer to the data sheet

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