

B40620A5218M003<sup>New</sup>

Product

<b>Applications</b>	Automotive
<b>Features</b>	High Ripple Current
	High CV Product
	Low ESR
	60g Vibration
	Optimized for Forced Cooling
<b>Series</b>	B40620
<b>Status</b>	Production
<b>Simulate Useful Life</b>	<a href="#">AlCap Useful Life Calculation Tool</a>
<b>Brand</b>	TDK



Size	
Diameter (D)	14mm +0.5mm
Length (L)	30mm +1.0mm
Detail Size Information	<a href="#">Please refer to the data sheet</a>

Electrical Characteristics	
Rated Capacitance	2100μF ±20% (100Hz, 20°C)
Rated Voltage $V_R$ [DC]	25V
Surge Voltage $V_s$ [DC]	28.75V
Rated Ripple Current $I_{AC, R}$	10.5A (20kHz, $T_a=125^\circ\text{C}$ )
Maximum Permissible Ripple Current $I_{AC, max.}$	24.8A (20kHz, $T_c=125^\circ\text{C}$ )
$ESR_{max.}$	4.6mΩ (20kHz, 20°C)
	6.4mΩ (20kHz, -40°C)
Dissipation Factor $\tan \delta$	
Leakage Current	320μA (25V, 20°C, 5min)
ESL (Self Inductance)	24nH
Lower Category Temperature	-55°C
Upper Operating Temperature	150°C
Rated Useful Life	>4000h
Further Details	<a href="#">Please refer to the data sheet</a>

Other	
Vibration Resistance	60g
Vibration Fixation Method	Case
Terminal Style	Axial-lead
Terminal Configuration	Axial long leads
Design	PET insulation sleeve orange

! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

Reference Standards	Sectional specification IEC 60384-4 AEC-Q200
Soldering Method	Wave and selective wave Welding
Packing	Taped on Reel
Package Quantity	350pcs
Minimum Order Quantity	3500pcs
Weight	7.3g
Further Details	<a href="#">Please refer to the data sheet</a>