



General Information

Series	B45196P
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, Molded, High Temperature
Features	High Temperature, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Notes	Obsolete.

Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
K	1.8mm TYP

Packaging	T&R, 330mm
Packaging Quantity	3000

Capacitance 3.3 uF

Capacitance Tolerance 20%

Voltage DC 25 VDC (85C), 19.92 VDC (125C), 16.75 VDC (150C)

Temperature Range -55/+150°C

Rated Temperature 85°C

Dissipation Factor 4.5%

Failure Rate N/A

Resistance 2 Ohms (100kHz)

Ripple Current 234.5 mAmps (25C), 211.1 mAmps (85C), 93.8 mAmps (125C)

Leakage Current 0.9 uA

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.