



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

Specifications	
Capacitance	6.8 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC (85C), 39.85 VDC (125C), 33.5 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	6%
Failure Rate	N/A
ESR	0.7 Ohms (100kHz)
Ripple Current	462.9 mAmps (25C), 416.6 mAmps (85C), 185.2 mAmps (125C)
Leakage Current	3.4 uA

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	2800

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