



General Information	
Series	B45196P
Dielectric	MnO <sub>2</sub> 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

Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (85C), 27.89 VDC (125C), 23.45 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5%
Failure Rate	N/A
Resistance	1.3 Ohms (100kHz)
Ripple Current	290.9 mAmps (25C), 261.8 mAmps (85C), 116.4 mAmps (125C)
Leakage Current	1.7 uA

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	3000