

## B45196L7105M309

Aliases (T495C105M050ZTA4K8)

Obsolete

B45196L, Tantalum, MnO2 Tantalum, 1 uF, 20%, 50 VDC, SMD, Molded, Automotive, 4.8 Ohms, 6032, Height Max = 2.8mm



General Information	
Series	B45196L
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, Molded, Automotive
Features	Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	AEC-Q200.
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	1 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC (85C), 33.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	4%
Failure Rate	N/A
Resistance	4.8 Ohms (100kHz)
Ripple Current	110.6 mAmps (25C), 99.5 mAmps (85C), 44.2 mAmps (125C)
Leakage Current	0.5 uA

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	750

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