



General Information	
Series	B450
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, Molded, Low Profile, Low ESR, Surge Robust
Features	Low Profile, Low ESR, Surge Robust
RoHS	Yes
Termination	Tin
AEC-Q200	No
Notes	Obsolete. Old Part Number [Obsolete] Was B45006Y1076K507.

Specifications	
Capacitance	100 uF
Capacitance Tolerance	10%
Voltage DC	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	20%
Failure Rate	N/A
Resistance	0.5 Ohms (100kHz)
Ripple Current	390 mAmps (25C), 351 mAmps (85C), 156 mAmps (125C)
Leakage Current	6.3 uA

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.5mm MAX
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
K	1.3mm TYP

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	10000

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