

B450, Tantalum, MnO2 Tantalum, 1 uF, 20%, 50 V, SMD, Molded, Low ESR, Surge Robust, 1.6 Ohms, 6032, Height Max = 2.8mm



General Information	
Supplier:	KEMET
Series:	B450
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, Molded, Low ESR, Surge Robust
Features:	Low ESR, Surge Robust
RoHS:	Yes
Termination:	Tin
Notes:	Obsolete. Old Part Number [Obsolete] Was B45050C1059M168

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/+125C
Rated Temperature:	85C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	1.6 Ohms (100kHz)
Current:	260 mAmps (25C), 234 mAmps (85C), 104 mAmps (125C)
Leakage Current:	0.5 uA

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