

B450, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 6.3 V, SMD, Molded, Low ESR, Surge Robust, 2 Ohms, 3216, Height Max = 1.8mm



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 B45006A6859M208

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
K	1.3mm TYP

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	2000

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	2 Ohms (100kHz)
Current:	190 mAmps (25C), 171 mAmps (85C), 76 mAmps (125C)
Leakage Current:	0.5 uA