

B450, Tantalum, MnO2 Tantalum, 2.2 uF, 10%, 16 V, SMD, Molded, Low ESR, Surge Robust, 2.5 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 B45016A2259K258

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:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	2.5 Ohms (100kHz)
Current:	170 mAmps (25C), 153 mAmps (85C), 68 mAmps (125C)
Leakage Current:	0.5 uA

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