

T498A105M025ZTE5K2

Obsolete

B45196P, Tantalum, MnO₂ Tantalum, High Temperature, 1 uF, 20%, 25 VDC, SMD, Molded, High Temperature, N/A, 5.2 Ohms, 3216, Height Max = 1.8mm



General Information	
Series	B45196P
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, Molded, High Temperature
Features	High Temperature, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Notes	Obsolete.

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	1 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (85C), 19.92 VDC (125C), 16.75 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	3%
Failure Rate	N/A
Resistance	5.2 Ohms (100kHz)
Ripple Current	120.1 mAmps (25C), 108.1 mAmps (85C), 48 mAmps (125C)
Leakage Current	0.5 uA