

T498C156K016ZTE1K1

Obsolete

B45196P, Tantalum, MnO₂ Tantalum, High Temperature, 15 uF, 10%, 16 VDC, SMD, Molded, High Temperature, N/A, 1.1 Ohms, 6032, Height Max = 2.8mm



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	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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	750

Specifications

Capacitance	15 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 12.75 VDC (125C), 10.72 VDC (150C)
Temperature Range	-55/+150°C
Rated Temperature	85°C
Dissipation Factor	4.5%
Failure Rate	N/A
Resistance	1.1 Ohms (100kHz)
Ripple Current	316.2 mAmps (25C), 284.6 mAmps (85C), 126.5 mAmps (125C)
Leakage Current	2.4 uA