

B45196L3106M206

Aliases (T495B106M016ZTA2K57280)

Obsolete

B45196L, Tantalum, MnO2 Tantalum, 10 uF, 20%, 16 VDC, SMD, Molded, Automotive, 2.5 Ohms, 3528, Height Max = 2.1mm



General Information

Series	B45196L
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, Molded, Automotive
Features	Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	AEC-Q200.
Notes	Obsolete.

Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
S	0.7mm +/-0.3mm
F	2.2mm +/-0.1mm
K	1.4mm TYP

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	8000

Specifications

Capacitance	10 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6%
Failure Rate	N/A
Resistance	2.5 Ohms (100kHz)
Ripple Current	97.2 mAmps (25C), 87.5 mAmps (85C), 38.9 mAmps (125C)
Leakage Current	1.6 uA