

T495A105M025ATA8K0

T495 Auto, Tantalum, MnO2 Tantalum, Commercial Grade, 1 uF, 20%, 25 VDC, SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200, 8 Ohms, 3216, 1.8 mm, 0.8 mm

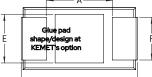
CATHODE (-) END VIEW



ANODE (+) END VIEW

т

SIDE VIEW



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Click	here for the 3D model.	
Dimensions		S
L	3.2mm +/-0.2mm	С
W	1.6mm +/-0.2mm	То
н	1.6mm +/-0.2mm	V
т	0.13mm REF	Те
S	0.8mm +0.2/-0.3mm	R
F	1.2mm +/-0.1mm	D
A	1.2mm MIN	Fa
В	0.4mm +/-0.15mm	E
E	1.3mm REF	R
G	1.1mm REF	
Р	0.4mm REF	L
R	0.4mm REF	
Х	0.1mm +/-0.1mm REF	
Deckering Credification		

General Information	
Series	T495 Auto
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low ESR, Auto, AEC-Q200
Features	Low ESR, Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	58.6 mg

Specifications	
Capacitance	1uF
Tolerance	20%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	8000 mOhms (100kHz 25C)
Ripple Current	97 mA (rms, 100kHz 25C), 87.3 mA (rms, 85C), 38.8 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)

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

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