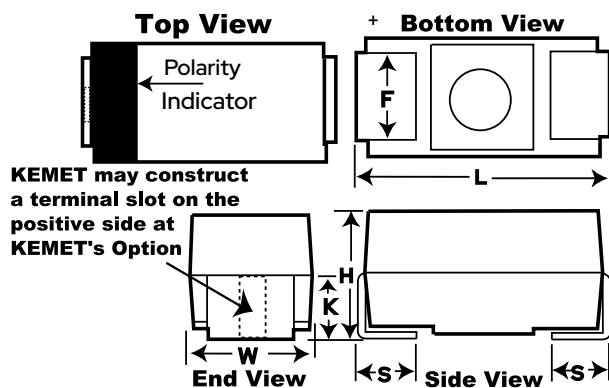


## B45196L3105M109

Aliases (T495A105M016ZTA10K)

Obsolete

B45196L, Tantalum, MnO<sub>2</sub> Tantalum, 1 uF, 20%, 16 VDC, SMD, Molded, Automotive, 10 Ohms, 3216, 1.8 mm, 0.8 mm



### General Information

Series	B45196L
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, Molded, Automotive
Features	Automotive
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
AEC-Q200	Yes

### Specifications

Capacitance	1 uF
Tolerance	20%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/ +125°C
Rated Temperature	85°C
Dissipation Factor	4%
Failure Rate	N/A
ESR	10 Ohms (100kHz)
Ripple Current	91.3 mAmps (25C), 82.2 mAmps (85C), 36.5 mAmps (125C)
Leakage Current	0.5 uA

### Dimensions

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

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

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