

**KEMET Part Number: T490B157M010ATE500**  
(T490B157M010ASE500)

Tantalum, MnO2 Tantalum, Consumer, T490, 150 uF, 20%, 10 V, 3528, SMD, MnO2, Molded, Consumer, 500 mOhms, 2.1mm



**Dimensions**

3528	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

Weight:	107.45 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

**General Information**

Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T490
Description:	SMD, MnO2, Molded, Consumer
RoHS:	Yes
Termination:	Tin

**Specifications**

Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (40C), 5 VDC (85C), 2 VDC (125C)
Temperature Range:	-55/+40C
Failure Rate:	N/A
Resistance:	0.5 Ohms (100kHz)
Current:	412 mAmps (25C), 370.8 mAmps (40C)
Leakage:	15 uAmps