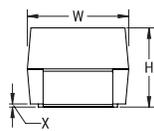


**KEMET Part Number: T495X477M010ATE045**  
(B45010E4779M456)



T495, Tantalum, MnO2 Tantalum, 470 uF, 20%, 10 V, SMD, MnO2, Molded, Low ESR, 45 mOhms, 7343, Height Max = 4.3mm

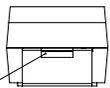
CATHODE (-) END VIEW



SIDE VIEW

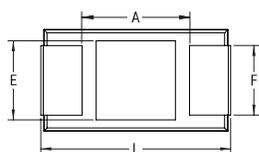


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



**Dimensions**

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.6mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

**Packaging Specifications**

Weight:	652.04 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

**General Information**

Supplier:	KEMET
Series:	T495
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

**Specifications**

Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	10% 120Hz 20C
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz)
Current:	1915 mAmps (100kHz 25C), 1723.5 mAmps (85C), 766 mAmps (125C)
Leakage Current:	47 uA (5min 20C)

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