

**KEMET Part Number: T495D475K050ATE300**  
(B45197A7475K409)

T495, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 50 V, 7343, SMD, MnO2, Molded, Low ESR, 300 mOhms, Height Max = 3.1mm



### Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-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	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

### Packaging Specifications

Weight:	446.84 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:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	300 mOhms (100kHz)
Current:	707 mAmps (100kHz 25C), 636.3 mAmps (85C), 282.8 mAmps (125C)
Leakage Current:	2.4 uA (5min 20C)