

**KEMET Part Number: T491D475M035AT**  
(B45196E6475M409)

Tantalum, MnO2 Tantalum, T491, 4.7 uF, 20%, 35 V, 7343, SMD, MnO2, Molded, 1.5 Ohms, 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**

<b>Weight:</b>	446.84 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

**General Information**

<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T491
<b>Description:</b>	SMD, MnO2, Molded
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

**Specifications**

<b>Capacitance:</b>	4.7 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	35 VDC (85C), 23.45 VDC (125C)
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	6% 120Hz 20C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	1.5 Ohms (100kHz)
<b>Current:</b>	316 mAmps (100kHz 25C), 284.4 mAmps (85C), 126.4 mAmps (125C)
<b>Leakage Current:</b>	1.6 uAmps (5min 20C)