

KEMET Part Number: T491B475K020AT
(B45196H4475K209)

Tantalum, MnO₂ Tantalum, T491, 4.7 uF, 10%, 20 V, 3528, SMD, MnO₂, Molded, 3 Ohms, Height Max = 2.1mm



Dimensions

Footprint		3528
L		3.5mm +/-0.2mm
W		2.8mm +/-0.2mm
H		1.9mm +/-0.2mm
T		0.13mm REF
S		0.8mm +0.2/-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:	MnO ₂ Tantalum
Style:	SMD Chip
Series:	T491
Description:	SMD, MnO ₂ , Molded
RoHS:	Yes
Termination:	Tin

Specifications

Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	3 Ohms (100kHz)
Current:	168 mAmps (100kHz 25C), 151.2 mAmps (85C), 67.2 mAmps (125C)
Leakage Current:	0.9 uAmps (5min 20C)