

T493C476K016CB6430

Aliases (DLA Drawing 07016-076KCBC)

T493 HRA, Tantalum, MnO2 Tantalum, HRA, 47 uF, 10%, 16 VDC, SMD, MnO2, Molded, DLA Drawing, C (0.01%/1000 Hrs), 350 mOhms, 2.8 mm, 2312 / 6032



Click [here](#) for the 3D model.

General Information

Series	T493 HRA
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, DLA Drawing
RoHS	Yes
Termination	Gold
Typical Component Weight	224.2 mg

Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

Specifications

Capacitance	47 uF
Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.35 Ohms (100kHz 25C)
Ripple Current	561 mA (rms, 100kHz 25C)
Leakage Current	7.5 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C +/-5C And +85C +/-5C Before Weibull

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