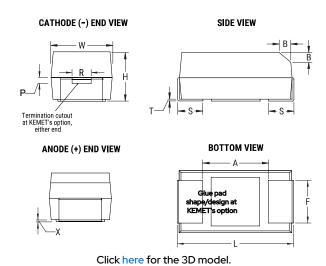


T598D476M016AHS070

T598, Tantalum, Polymer Tantalum, Commercial Grade, 47 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 70 mOhms, 7343, 3.1 mm, 1.3 mm



General Information	
Series	T598
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low ESR, AEC-Q200
Features	Automotive (Surge testing at 25C / 10 cycles)
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340
Termination	Tin Lead (SnPb)
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	434.8 mg
Shelf Life	52 Weeks
MSL	3

47 uF

20%

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

Н	2.8mm +/-0.3mm	Voltage DC	16 VDC (105C), 10.72 VDC (125C)
Т	0.13mm REF	Temperature Range	-55/+125°C
S	1.3mm +/-0.3mm	Rated Temperature	105°C
F	2.4mm +/-0.1mm	Humidity	85C, 85% RH, load, 1000 Hours
A	3.8mm MIN	Dissipation Factor	10% 120Hz 25C
В	0.5mm +/-0.15mm	Failure Rate	N/A
P	0.9mm REF	ESR	70 mOhms (100kHz 25C)
R	1mm REF	Ripple Current	2530 mA (rms, 100kHz 45C),
X	0.1mm +/-0.1mm REF		1771 mA (rms, 105C), 632.5 mA (rms, 125C)
Desire Considerations		Leakage Current	75.2 uA (5min 25°C)

Specifications Capacitance

Tolerance

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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