



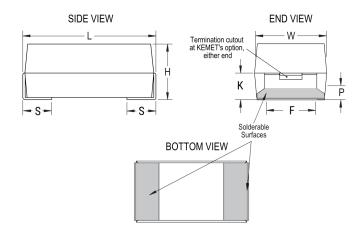
General Information

Series

Aliases (T429H476K015CC4252)

T429 CWR29

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 47 uF, 10%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 180 mOhms, 7238, Height Max = 3.17mm



MnO2 Tantalum Dielectric Style SMD Chip Description SMD, MnO2, Molded, Military Equivalent, Low ESR RoHS No 🛕 WARNING: Cancer and reproductive harm – Prop 65 http://www.p65warnings.ca.gov. SCIP Number 652b281f-d242-4453-bc44-0655d646cec3 Termination Hot Solder Dipped Qualifications MIL-PRF-55365/11, CWR29 Style AEC-Q200 No Component 349.01 mg Weight Note: When Option C Is Selected For Lead Notes Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K", "F" And "S". MSL 1

Specifications	
Capacitance	47 uF
Capacitance Tolerance	10%
Voltage DC	15 VDC (85C), 10 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	8% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	0.18 Ohms (100kHz 25C)
<b>Ripple Current</b>	913 mA (rms, 100kHz 25C)
Leakage Current	10 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C And +85C Before Weibull)

Click here for the 3D model.

Dimensions	
Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
Н	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	3.68mm +0.13/-0.51mm
К	1.52mm MIN
Р	0.76mm MIN

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

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