KEMET Part Number: T429H475K050CC4251WAFL

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T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 500 mOhms, 7238, Height Max = 3.17mm

SIDE VIEW

END VIEW

BOTTOM VIEW

Dimensions

Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	3.68mm +0.13/-0.51mm
K	1.52mm MIN
P	0.76mm MIN

Packaging Specifications

Packaging:	Waffle

General Information

Series:	T429 CWR29
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent, Low ESR
RoHS:	No
Prop 65:	⚠ **WARNING:** Cancer and reproductive harm - 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 Weight:	349.01 mg
Notes:	Note: When Option C Is Selected For Lead Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K" ,"F" And "S".
MSL:	1

Specifications

Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	0.5 Ohms (100kHz 25C)
Leakage Current:	3 uA (5min 25°C)
Testing and Reliability:	Surge Testing At -55C And +85C After Weibull

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