## KEMET Part Number: T429D106K015CB4252WAFL



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 10 uF, 10%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 2 Ohms, 3825, Height Max = 1.65mm



Dimensions		
Footprint	3825	
L	3.81mm +/-0.38mm	
W	2.54mm +/-0.38mm	
Н	1.27mm +/-0.38mm	
S	0.76mm +0.25/-0.13mm	
F	2.41mm +0.13/-0.25mm	
K	0.76mm MIN	
Р	0.38mm 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:	Yes	
Termination:	Gold	
Qualifications:	MIL-PRF-55365/11, CWR29 Style	
AEC-Q200:	No	
Component Weight:	264.12 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:	10 uF	
Capacitance Tolerance:	10%	
Voltage DC:	15 VDC (85C), 10 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	2 Ohms (100kHz 25C)	
Leakage Current:	2 uA (5min 25°C)	
Testing and Reliability:	Surge Testing At -55C And +85C Before Weibull	

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