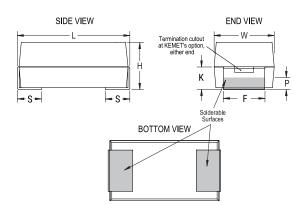
## KEMET Part Number: T419H157K010CC4251WAFL



T419 CWR19, Tantalum, MnO2 Tantalum, Military/High Reliability, 150 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 900 mOhms, 7238, Height Max = 3.17mm



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:	Waffle	

General Information		
Series:	T419 CWR19	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Military Equivalent	
RoHS:	No	
Prop 65:	A 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, CWR19 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:	150 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC (85C), 6.67 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	10% 120Hz 25C	
Failure Rate:	C (0.01%/1000 Hrs)	
Resistance:	0.9 Ohms (100kHz 25C)	
Leakage Current:	15 uA (5min 25°C)	
Testing and Reliability:	Surge Testing At -55C And +85C After Weibull	

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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