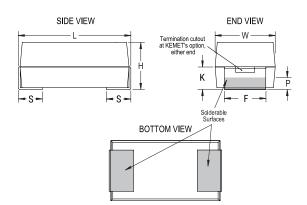
## KEMET Part Number: T409D225K020BH4251WAFL



T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 20 VDC, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 5 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
К	0.76mm MIN
Р	0.38mm MIN

Packaging Specifications		
Packaging:	Waffle	

General In	formation	
Series:	T409 CWR09	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Military Equivalent	
RoHS:	No	
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - <u>www.p65warnings.ca.gov</u> .	
SCIP Number:	1dd2e1b8-26dd-4d52-927c-6f9d51	19011aa
Termination:	Solder Coated	
Qualifications:	MIL-PRF-55365/4, CWR09 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:	2.2 uF	
Capacitance Tolerance:	10%	
Voltage DC:	20 VDC (85C), 13.4 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	B (0.1%/1000 Hrs)	
Resistance:	5 Ohms (100kHz 25C)	
Leakage Current:	1 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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