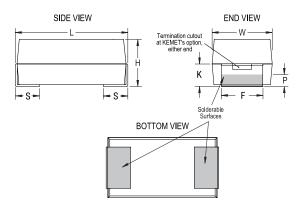
KEMET Part Number: T409F225K050CC42527640



T409 CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 50 VDC, SMD, MnO2, Molded, Military Equivalent, C (0.01%/1000 Hrs), 2.5 Ohms, 5634, Height Max = 2.16mm



Dimensions		
Footprint	5634	
L	5.59mm +/-0.38mm	
W	3.43mm +/-0.38mm	
Н	1.78mm +/-0.38mm	
S	0.76mm +0.25/-0.13mm	
F	3.3mm +/-0.13mm	
K	1.02mm MIN	
Р	0.51mm MIN	

Packaging Specifications		
Packaging:	Bulk Plastic Box	

General Information		
Series:	T409 CWR09	
Dielectric:	MnO2 Tantalum	
Style:	SMD Chip	
Description:	SMD, MnO2, Molded, Military Equivalent	
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-55365/4, CWR09 Style	
AEC-Q200:	No	
Component Weight:	173.63 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:	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:	2.5 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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