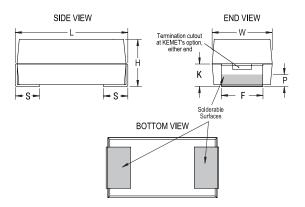
## KEMET Part Number: T429D225K025DC42527640



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 25 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, D (0.001%/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	
К	0.76mm MIN	
Р	0.38mm MIN	

Packaging Specifications		
Packaging:	Bulk Plastic Box	

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:	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:	25 VDC (85C), 16.75 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	D (0.001%/1000 Hrs)	
Resistance:	2 Ohms (100kHz 25C)	
Leakage Current:	1 uA (5min 25°C)	
Testing and Reliability:	Surge Testing At -55C And +85C Before Weibull	

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