

T429 CWR29, Tantalum, MnO₂ Tantalum, Military/High Reliability, 22 uF, 10%, 25 VDC, SMD, MnO₂, Molded, Military Equivalent, Low ESR, D (0.001%/1000 Hrs), 180 mOhms, 7238, Height Max = 3.17mm



Dimensions	
Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.25/-0.13mm
F	3.68mm +0.13/-0.51mm
K	1.52mm MIN
P	0.76mm MIN

Packaging Specifications	
Packaging:	Bulk, Bag

General Information	
Series:	T429 CWR29
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Description:	SMD, MnO ₂ , Molded, Military Equivalent, Low ESR
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
Termination:	Solder Coated
Qualifications:	MIL-PRF-55365/11, CWR29 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:	22 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:	0.18 Ohms (100kHz 25C)
Leakage Current:	6 uA (5min 25°C)
Testing and Reliability:	Surge Testing At -55C And +85C Before Weibull

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