

KEMET Part Number: CWR29MC105KCDC
(T429D105K035CC4252)



T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 2.2 Ohms, 3825, Height Max = 1.65mm



Dimensions	
Footprint	3825
L	3.81mm +/-0.38mm
W	2.54mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	2.41mm +0.13/-0.25mm
K	0.76mm MIN
P	0.38mm MIN

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	2500

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:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 23.45 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	C (0.01%/1000 Hrs)
Resistance:	2.2 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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