

CWR29HC225KTAC

Aliases (T429A225K015TCTLVL)

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.2 uF, 10%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, T, 7.5 Ohms, 1.65 mm, 1005 / 2513



Click [here](#) for the 3D model.

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 - https://www.p65warnings.ca.gov/
SCIP Number	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
Qualifications	MIL-PRF-55365/11, CWR29 Style
Typical Component Weight	39.91 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

Dimensions

L	2.54mm +/-0.38mm
W	1.27mm +/-0.38mm
H	1.27mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	1.27mm +/-0.13mm
K	0.76mm MIN
P	0.38mm MIN

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2500

Specifications

Capacitance	2.2 uF
Tolerance	10%
Voltage DC	15 VDC (85C), 10 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	T
ESR	7.5 Ohms (100kHz 25C)
Ripple Current	82 mA (rms, 100kHz 25C)
Leakage Current	1 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C Before Weibull, Weibull Grade Level "T")

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