

# CWR29HH106KTFC

Aliases (T429F106K015THTLVL)

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 10 uF, 10%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, T, 667 mOhms, 2.16 mm, 2213 / 5634



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	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	1dd2e1b8-26dd-4d52-927c-6f9d519011aa
Termination	Tin Lead (SnPb)
Qualifications	MIL-PRF-55365/11, CWR29 Style
Typical 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

## Dimensions

L	5.59mm +/-0.38mm
W	3.43mm +/-0.38mm
H	1.78mm +/-0.38mm
S	0.76mm +0.25/-0.13mm
F	3.3mm +/-0.13mm
K	1.02mm MIN
P	0.51mm MIN

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

## Specifications

Capacitance	10 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	0.667 Ohms (100kHz 25C)
Ripple Current	378 mA (rms, 100kHz 25C)
Leakage Current	2 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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