

# CWR29MC156KCXC

Aliases (T429X156K035CC4252)

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 15 uF, 10%, 35 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 190 mOhms, 3.12 mm, 2721 / 6954



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	652b281f-d242-4453-bc44-0655d646cec3
Termination	Hot Solder Dipped
Qualifications	MIL-PRF-55365/11, CWR29 Style
Typical Component Weight	590.44 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	6.93mm +/-0.38mm
W	5.41mm +/-0.38mm
H	2.74mm +/-0.38mm
S	1.19mm +0.25/-0.13mm
F	3.05mm +/-0.13mm
K	1.22mm MIN
P	0.61mm MIN

## Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	500

## Specifications

Capacitance	15 uF
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)
ESR	0.19 Ohms (100kHz 25C)
Ripple Current	932 mA (rms, 100kHz 25C)
Leakage Current	6 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C +/-5C And +85C +/-5C Before Weibull)

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