

CWR29FC157KCXC

Aliases (T429X157K010CC4252)

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 150 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 65 mOhms, 6954, 3.12 mm, 1.19 mm



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
AEC-Q200	No
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	150 uF
Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
ESR	0.065 Ohms (100kHz 25C)
Ripple Current	1593 mA (rms, 100kHz 25C)
Leakage Current	15 uA (5min 25°C)
Testing and Reliability	Surge Testing (10 Cycles At -55C And +85C Before Weibull)

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