

## T429D156K010CC42507610

T429 CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 15 uF, 10%, 10 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, C (0.01%/1000 Hrs), 1.7 Ohms, 3825, Height Max = 1.65mm

No Drawing Available. Click here for the 3D model.

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

Packaging Specifications	
Packaging	Bulk, Bag

General Informati	on
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 - http://www.p65warnings.ca.gov.
SCIP Number	573c56ea-c4cc-4850-b749-53802fe9068f
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	15 uF
Capacitance Tolerance	10%
Voltage DC	10 VDC (85C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	1.7 Ohms (100kHz 25C)
Ripple Current	217 mA (rms, 100kHz 25C)
Leakage Current	2 uA (5min 25°C)
Testing and Reliability	Surge Testing At 25C After Weibull

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