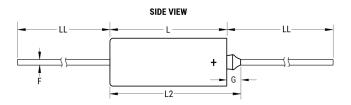


## M39003/03-3076

Aliases (T242A125K050CS, M39003/03-3076, CSR23G125KC)

T242 CSR23, Tantalum, MnO2 Tantalum, Military/High Reliability, 1.2 uF, 10%, 50 VDC, 8 Ohms





Click here for the 3D model.

Dimensions	
D	3.43mm +/-0.25mm
L	7.26mm +/-0.79mm
L2	10.72mm
LL	38.1mm +/-6.35mm
F	0.51mm +/-0.05mm
G	3.46mm +0.79mm

Packaging Specifications		
Packaging	Bulk, Box	
Packaging Quantity	150	

General Information		
Series	T242 CSR23	
Dielectric	MnO2 Tantalum	
Style	Axial Hermetic	
Description	Axial, Solid Tantalum, Hermetically Sealed, Military, Polar, CSR23 Style	
Features	Extended Capacitance, Polar, Low Leakage	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	bee1eed4-5fec-4214-9f43-620c5b22071f	
Termination	Lead (SnPb)	
Lead	Wire Leads	
Qualifications	MIL-PRF-39003, CSR23 Style	
AEC-Q200	No	
Construction	Hermetic	
Notes	Dimensions Include Insulating Sleeve. Lead Length Shown Is For Parts Supplied With Bulk Packaging, When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification.	

Specifications	
Capacitance	1.2 uF
Capacitance Tolerance	10%
Voltage DC	50 VDC (85C), 40 VDC (125C Surge), 0.5 VDC (125C Reverse)
Temperature Range	-55/+125°C
Dissipation Factor	4%
Failure Rate	C (0.01%/1000 Hrs)
ESR	8 Ohms (100kHz)
Ripple Current	106 mAmps (100kHz)
Leakage Current	0.6 uA
Testing and Reliability	Standard Testing To MIL-PRF-39003

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