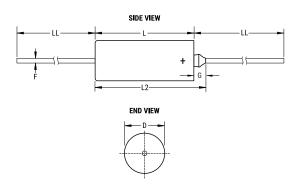
## **KEMET Part Number: T242C277K010MS**

(M39003/03-0127{KEM}, CSR23C277KM)



## T242\_CSR23, Tantalum, MnO2 Tantalum, Military/High Reliability, 270 uF, 10%, 10 VDC, 600 mOhms



Dimensions		
D	7.34mm +/-0.25mm	
L	17.42mm +/-0.79mm	
L2	20.88mm	
LL	38.1mm +/-6.35mm	
F	0.64mm +/-0.05mm	
G	3.46mm +0.79mm	

Packaging Specifications		
Packaging:	Bulk, Tray	
Packaging Quantity:	20	

General Information		
Supplier:	KEMET	
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 - www.p65warnings.ca.gov.	
REACH:	SVHC (Pb - CAS 7439-92-1)	
Termination:	Lead (SnPb)	
Lead:	Wire Leads	
Qualifications:	MIL-PRF-39003, CSR23 Style	
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:	270 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC (85C), 9 VDC (125C Surge), 0.1 VDC (125C Reverse)	
Temperature Range:	-55/+125C	
Failure Rate:	M (1%/1000 Hrs)	
Resistance:	0.6 Ohms (100kHz)	
Ripple Current:	456 mAmps (100kHz)	
Leakage Current:	13 uA	
Testing and Reliability:	Standard Testing To MIL- PRF-39003	

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