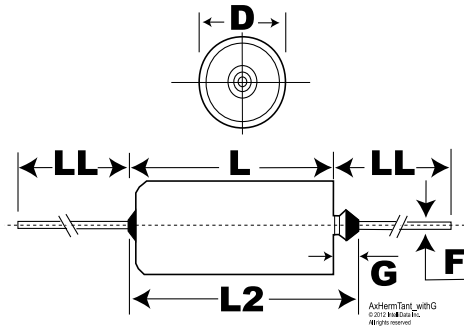


**KEMET Part Number: M39003/01-2301**  
(T212D107K020MS, CSR13E107KM)

Tantalum, MnO2 Tantalum, Military/High Reliability, T212\_CSR13, 100 uF, 10%, 20 V, 600 mOhms



Dimensions	
D	8.92mm +/-0.25mm
L	19.96mm +/-0.79mm
L2	23.42mm
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	
Dielectric:	MnO2 Tantalum
Style:	Axial Hermetic
Series:	T212_CSR13
Description:	Axial, Solid Tantalum, Hermetically Sealed, Military, CSR13 Style
Features:	Low Leakage
RoHS:	No
Termination:	Lead (SnPb)
Lead:	Wire Leads, Uninsulated
Approvals:	MIL-PRF-39003, CSR13 Style
Construction:	Hermetic
Notes:	Dimensions Include Insulating Sleeve(Standard). Lead Length Shown is For Parts Supplied With Bulk Packaging, When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification. Failure Rates M ,P, R, And S Are Obsolete For New Designs As Of 1982. MIL-PRF-39003 Suggests B Failure Rate As Replacement.

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 16 VDC (125C Surge), 0.2 V (125C Reverse)
Temperature Range:	-55/+125C
Failure Rate:	M (1%/1000 Hrs)
Resistance:	0.6 Ohms (100kHz)
Current:	548 mAmps (100kHz)
Leakage Current:	10 uAmps
Testing and Reliability:	Standard Testing To MIL-PRF-39003

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