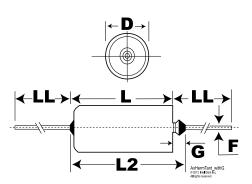
(M39003/09-0082, CSR21G186KM)



## Capacitor, Tantalum, 18 uF, +/-10% Tol, 50 V



General Information		
Supplier:	KEMET	
Application:	Military ER/Low ESR/High Current	
Body Type:	Axial Hermetic	
Lead Type:	Un-insulated Wire	
Termination Type:	Tin-Lead (SnPb)	
RoHS:	No	

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

## 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:	18 uF	
Tolerance:	+/-10%	
Voltage:	50 VDC (85C)	
Voltage:	40 VDC (125C Surge)	
Voltage:	0.5 V (125C Reverse)	
Temperature Range:	-55/+125C	
Current/Ripple Current:	2000 mAmps (100kHz)	
Resistance/ESR:	0.175 Ohms (100kHz)	
Failure Rate:	M (1%/1000 Hrs)	
Testing:	Standard Testing To MIL- PRF-39003	
Leakage Current:	4.5 uA	
Dissipation Factor:	4%	
Miscellaneous:	Ripple Current Rating Shown Is At 40Khz And 25C; ESR Is Per MIL-PRF-39003/9.	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Tray	
Package Quantity:	20	

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