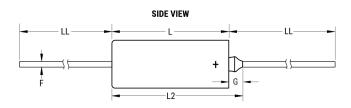


## M39003/01-8194D

Aliases (T215A105K050DS4250, CSR13G105KDD)

T215 CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 1 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 MAX
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	T215 CSR13	
Dielectric	MnO2 Tantalum	
Style	Axial Hermetic	
Description	Axial, Solid Tantalum, Hermetically Sealed, High Temp Solder, Military, CSR13 Style	
Features	High Temperature Solder, Low Leakage	
RoHS	No	
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
Termination	Lead (SnPb)	
Lead	Wire Leads	
Qualifications	CSR13 Style	
AEC-Q200	No	
Construction	Hermetic	
Miscellaneous	Note: Part Number Specifies Special Surge Testing Level D; See MIL-PRF-39003 Or KEMET For Further Information.	
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	1uF	
Capacitance Tolerance	10%	
Voltage DC	50 VDC (85C), 33 VDC (125C), 65 VDC (85C Surge), 2.5 VDC (85C Reverse)	
Temperature Range	-55/+125°C	
Rated Temperature	85°C	
Dissipation Factor	2%	
Failure Rate	D (0.001%/1000 Hrs)	
ESR	8 Ohms (100kHz)	
Ripple Current	106 mAmps (100kHz)	
Leakage Current	0.3 uA	
Testing and Reliability	Option D, Surge Testing At +25C After Weibull	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.