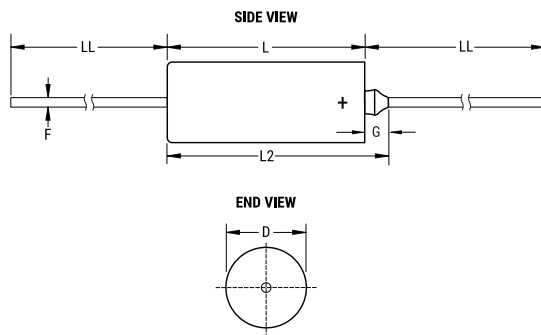


KEMET Part Number: M39003/01-5689
(T212C825J050SS, CSR13G825JS)

T212_CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 8.2 uF, 5%, 50 VDC, 2 Ohms



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:	T212_CSR13
Dielectric:	MnO2 Tantalum
Style:	Axial Hermetic
Description:	Axial, Solid Tantalum, Hermetically Sealed, Military, CSR13 Style
Features:	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, CSR13 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:	8.2 uF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC (85C), 40 VDC (125C Surge), 0.5 VDC (125C Reverse)
Temperature Range:	-55/+125C
Failure Rate:	S (0.001%/1000 Hrs)
Resistance:	2 Ohms (100kHz)
Ripple Current:	250 mAmps (100kHz)
Leakage Current:	2.5 uA
Testing and Reliability:	Standard Testing To MIL-PRF-39003