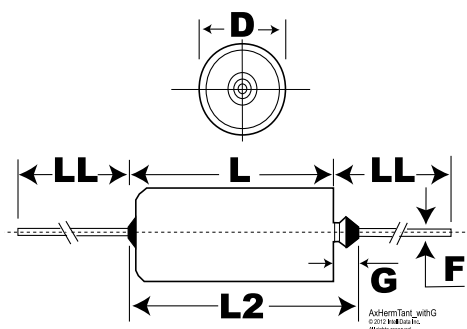


KEMET Part Number: T252B685K050RS
(M39003/06-0280{KEM}, CSR33G685KR)

Tantalum, MnO2 Tantalum, Military/High Reliability, KEMET, T252_CSR33, 6.8 uF, 10%, 50 V, 2 Ohms



Dimensions

D	4.7mm +/-0.25mm
L	12.04mm +/-0.79mm
L2	15.49mm
LL	38.1mm +/-6.35mm
F	0.51mm +/-0.05mm
G	3.45mm +/-0.79mm

Packaging Specifications

Packaging:	Bulk, Box
Packaging Quantity:	75

General Information

Dielectric:	MnO2 Tantalum
Style:	Axial Hermetic
Supplier:	KEMET
Series:	T252_CSR33
Description:	Axial, Solid Tantalum, Hermetically Sealed, Military, CSR33 Style
Features:	Extended Capacitance, Low Leakage
RoHS:	No
Termination:	Lead (SnPb)
Lead:	Wire Leads, Uninsulated
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:	6.8 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 40 VDC (125C Surge), 0.5 V (125C Reverse)
Temperature Range:	-55/+125C
Failure Rate:	R (0.01%/1000 Hrs)
Resistance:	2 Ohms (100kHz)
Current:	224 mAmps (100kHz)
Leakage:	1 uAmps
Testing and Reliability:	Standard Testing To MIL-PRF-39003

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