

## M39003/01-4206D

Aliases (T215B275J050GS4250, CSR13G275JGD)

T215 CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 2.7 uF, 5%, 50 VDC, 3.5 Ohms



Click [here](#) for the 3D model.

### Dimensions

D	4.7mm +/-0.25mm
L	12.04mm +/-0.79mm
L2	15.49mm MAX
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

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	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
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	2.7 uF
Capacitance Tolerance	5%
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	4%
Failure Rate	G (1%/1000 Hrs)
ESR	3.5 Ohms (100kHz)
Ripple Current	169 mAmps (100kHz)
Leakage Current	0.8 uA
Testing and Reliability	Option D, Surge Testing At +25C After Weibull

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