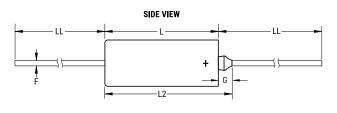# M39003/03-4053

Aliases (T242B276K020DS, M39003/03-4053, CSR23E276KD)

T242 CSR23, Tantalum, MnO2 Tantalum, Military/High Reliability, 27 uF, 10%, 20 VDC, 1.8 Ohms

SIDE VIEW

END VIEW

Click here for the 3D model.

General Information

Series	T242 CSR23
Dielectric	MnO2 Tantalum
Style	Axial Hermetic
Description	Axial, Solid Tantalum, Hermetically Sealed, Military, Polar, CSR23 Style
Features	Extended Capacitance, Polar, Low Leakage
RoHS	No
Prop 65	**WARNING:** Cancer and reproductive harm – https://www.p65warnings.ca.gov/ .
SCIP Number	bee1eed4-5fec-4214-9f43-620c5b22071f
Termination	Lead (SnPb)
Lead	Wire Leads
Qualifications	MIL-PRF-39003, CSR23 Style
AEC-Q200	No
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.

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

Specifications

Capacitance	27 uF
Tolerance	10%
Voltage DC	20 VDC (85C), 16 VDC (125C Surge), 0.2 VDC (125C Reverse)
Temperature Range	–55/+125°C
Dissipation Factor	6%
Failure Rate	D (0.001%/1000 Hrs)
ESR	1.8 Ohms (100kHz)
Ripple Current	236 mAmps (100kHz)
Leakage Current	4 uA
Testing and Reliability	Standard Testing To MIL-PRF-39003