

**KEMET Part Number: T242B276K020DS**  
(M39003/03-4053{KEM}, CSR23E276KD)

T242\_CSR23, Tantalum, MnO2 Tantalum, Military/High Reliability, 27 uF, 10%, 20 VDC, 1.8 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	
Supplier:	KEMET
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:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Lead (SnPb)
Lead:	Wire Leads
Qualifications:	MIL-PRF-39003, CSR23 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:	27 uF
Capacitance Tolerance:	10%
Voltage DC:	20 VDC (85C), 16 VDC (125C Surge), 0.2 VDC (125C Reverse)
Temperature Range:	-55/+125C
Failure Rate:	D (0.001%/1000 Hrs)
Resistance:	1.8 Ohms (100kHz)
Ripple Current:	236 mAmps (100kHz)
Leakage Current:	4 uA
Testing and Reliability:	Standard Testing To MIL-PRF-39003

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