



**General Information**

Series	CSR23
Dielectric	MnO <sub>2</sub> Tantalum
Style	Axial Hermetic
Description	Axial, Solid Tantalum, Hermetically Sealed, Military, CSR23 Style
Features	Extended Capacitance
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, Uninsulated
Qualifications	CSR23
Construction	Hermetic
Notes	Dimensions Include Insulating Sleeve (Standard). D

**Dimensions**

D	8.92mm +/-0.25mm
L	19.96mm +/-0.79mm
L2	23.42mm
LL	38.1mm +/-6.35mm
F	0.64mm +/-0.05mm

**Packaging Specifications**

Packaging	Bulk, Tray
Packaging Quantity	20

**Specifications**

Capacitance	220 uF
Capacitance Tolerance	20%
Voltage DC	15 VDC (85C), 12 VDC (125C Surge), 0.15 V (125C Reverse)
Temperature Range	-55/+125C
Dissipation Factor	8%
Failure Rate	B (0.1%/1000 Hrs)
ESR	0.5 Ohms (100kHz)
Leakage Current	20 uAmps

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.