



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

Dimensions

Case Code	2D
L	8mm +/-0.38mm
W	4.4mm +/-0.2mm
H	6.2mm +/-0.38mm
S	1.9mm +/-0.38mm
F	3mm +/-0.2mm
K	4.8mm +/-0.38mm

Packaging Specifications

Packaging	T&R, 178mm
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General Information

Series	TSM
Dielectric	MnO2 Tantalum
Style	Stacked Chip
Description	SMD, MnO2, Stacks, High Reliability
Features	High Reliability
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
SCIP Number	30e82d35-b509-48ec-8c77-2d5ec01b3abc
Termination	Solder Coated
AEC-Q200	No
MSL	1

Specifications

Capacitance	44 uF
Capacitance Tolerance	20%
Voltage DC	35 VDC (85C), 23.33 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	C (0.01%/1000 Hrs)
Resistance	0.3 Ohms (100kHz 25C)
Leakage Current	15.4 uA (5min 25°C)
Testing and Reliability	10 Cycles Surge Current Testing At -55C And +85C Before Weibull