

T489, Tantalum, MnO₂ Tantalum, 6.8 uF, 20%, 50 VDC, SMD, MnO₂, Molded, Low Leakage, 700 mOhms, 7343, Height Max = 3.1mm



Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	2.8mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	446.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Series:	T489
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Description:	SMD, MnO ₂ , Molded, Low Leakage
Features:	Low Leakage
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	4.5% 120Hz 25C
Failure Rate:	N/A
Resistance:	700 mOhms (100kHz)
Leakage Current:	2.6 uA (5min 25°C)