

Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, 10 uF, 7343, +/-20% Tol, 50 VDC (105C)



General Information	
Supplier:	KEMET
Application:	Automotive/Low ESR (AEC-Q200 Qualified)
Sub Application:	(NonCombustibleCathode)
Part Type Description:	SMD, Polymer, Molded, Low ESR
Construction:	Standard Chip-Polymer
Body Type:	SMD Chip
Footprint:	7343
Weight:	434.83 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
H	2.8	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
B	0.5	+/-0.15
X	0.1	+/-0.1
P	0.9	REF
R	1	REF
T	0.13	REF
A	3.8	MIN

Specifications	
Capacitance:	10 uF
Tolerance:	+/-20%
Voltage:	50 VDC (105C)
Voltage:	33.5 VDC (125C)
Temperature Range:	-55/+125C
Testing:	AEC-Q200
Current/Ripple Current:	1581 mAmps (100kHz 45C)
Current/Ripple Current:	1422.9 mAmps (85C)
Current/Ripple Current:	395.3 mAmps (125C)
Resistance/ESR:	90 mOhms (100kHz 25C)
Failure Rate:	N/A
Leakage Current:	50 uA
Dissipation Factor:	10%

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	500