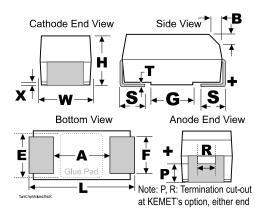
KEMET Part Number: T502D685K035AG6210



Capacitor, Tantalum, 6.8 uF, 7343, +/-10% Tol, -55/+230C, 35 VDC (85C), Failure Rate=N/A



General Information		
Supplier:	KEMET	
Application:	High Temperature	
Sub Application:	(230C)	
Part Type Description:	SMD, MnO2, Molded, High Temperature, 230C	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	7343	
Weight:	292 mg	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.3	+/-0.3
W	4.3	+/-0.3
Н	2.8	+/-0.3
F	2.4	+/-0.1
S	1.3	+/-0.3
В	0.5	+/-0.15
Х	0.1	+/-0.1
Р	0.9	REF
R	1	REF
Т	0.13	REF
A	3.6	MIN

Specifications		
Capacitance:	6.8 uF	
Tolerance:	+/-10%	
Voltage:	35 VDC (85C)	
Voltage:	23.1 VDC (125C)	
Voltage:	7 VDC (230C)	
Temperature Range:	-55/+230C	
Testing:	10 Cycles Surge Current Testing At +25C After Weibull	
Current/Ripple Current:	913 mAmps (100kHz 45C)	
Resistance/ESR:	1.8 Ohms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	2.4 uA	
Dissipation Factor:	6%	

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO2 tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple anode

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

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