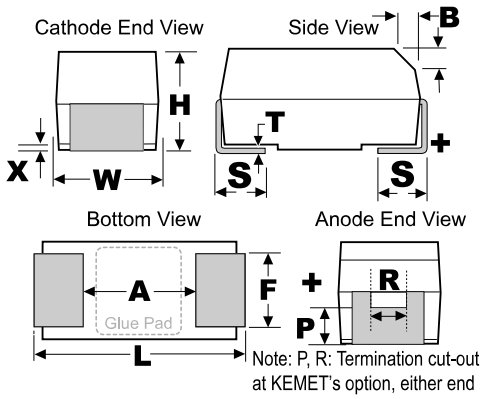
KEMET Part Number: T520Y687M006ATE025

T520, Tantalum, Polymer Tantalum, 680 uF, 20%, 6.3 V, SMD, Polymer, Molded, Low ESR, Non-Combustible, 25 mOhms, 7343, Height Max = 4mm



General Information	
Supplier:	KEMET
Series:	T520
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Dimensions	
Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	3.8mm +/-0.2mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	10% 120Hz 25C
Failure Rate:	N/A
Resistance:	25 mOhms (100kHz 25C)
Current:	3100 mAmps (100kHz 45C), 2170 mAmps (85C), 775 mAmps (105C)
Leakage Current:	428.4 uA (5min 25C)

Packaging Specifications	
Weight:	493.99 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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