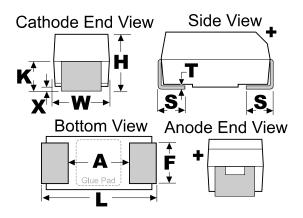
KEMET Part Number: T520U157M2R5ATE055



Tantalum, Polymer Tantalum, T520, 150 uF, 20%, 2.5 V, 6032, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 55 mOhms, Height Max = 1.5mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T520
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	1.4mm +/-0.1mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
Х	0.05mm REF

Specifications	
Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	55 mOhms (100kHz 25C)
Current:	1600 mAmps (100kHz 45C), 1120 mAmps (85C), 400 mAmps (105C)
Leakage Current:	37.5 uA (5min 25C)

Packaging Specifications		
Weight:	117.36 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

