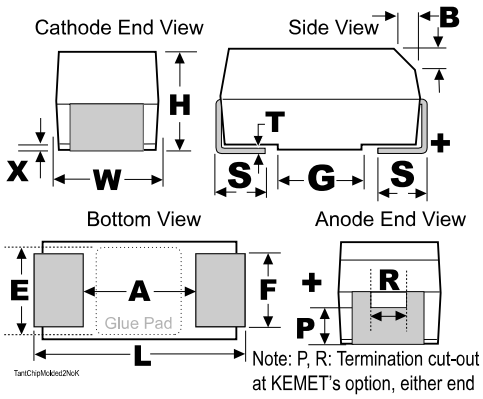
KEMET Part Number: T491C105M050AT

(B45196E7105M309)

Capacitor, Tantalum, SMD, MnO2, Molded, 1 uF, 6032, +/-20% Tol, 50 VDC (85C)



General Information	
Supplier:	KEMET
Application:	General Purpose
Part Type Description:	SMD, MnO2, Molded
Construction:	Standard Chip-MnO2
Body Type:	SMD Chip
Footprint:	6032
Weight:	224.48 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	**Dimension**	**Tolerance**
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
F	2.2	+/-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	2.9	MIN
G	2.8	REF
E	2.4	REF

Specifications	
Capacitance:	1 uF
Tolerance:	+/-20%
Voltage:	50 VDC (85C)
Voltage:	33.5 VDC (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	148 mAmps (25C)
Current/Ripple Current:	133.2 mAmps (85C)
Current/Ripple Current:	59.2 mAmps (125C)
Resistance/ESR:	4.8 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	0.5 uA
Dissipation Factor:	4%

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