



Surface Mount Miniature Tantalum Capacitors

TAC Series Specifications



Part Number Determination

TACL105K010R					
TAC	L	105	K	010	RTA
TYPE	CASE CODE	CAPACITANCE CODE	TOLERANCE	VOLTAGE CODE	PACKAGING & TERMINATION
Std Microchip	0402=K 0603=L 0805=R 1206=A	in pF 2 significant digits and 3rd representing the number of zeros to follow	K=±10% M=±20%	002=2Vdc 003=3Vdc 004=4Vdc 006=6.3Vdc 010=10Vdc 016=16Vdc 020=20Vdc 025=25Vdc 035=35Vdc	0402 PTA=Ni & Tin, paper, 7" reel QTA=Ni & Tin, paper, 4.25" reel ATA=Ni & thin gold, plastic, 7" reel FTA:Ni & thin gold, plastic, 4.25" reel 1206/0805/0603 RTA=Ni & Tin, plastic, 7" reel XTA=Ni & Tin, plastic, 4.25" reel ATA=Ni & thin gold, plastic, 7" reel FTA:Ni & thin gold, plastic, 4.25" reel

Package Dimensions (mm/in)

Case Code	EIA Code	EIA Metric	Lenth (L)	Width (W)	Height (H)	Termination Spacing (S)	Minimum Termination Length (Lt)	Average Mass
K	0402	1005-05	1.00 ^{+0.20} / _{-0.00} (0.039 ^{+0.008} / _{-0.000})	0.050 ^{+0.20} / _{-0.00} (0.020 ^{+0.008} / _{-0.000})	0.50 ^{+0.20} / _{-0.00} (0.020 ^{+0.008} / _{-0.000})	0.40 min	0.10 (0.004)	2.0mg
L	0603	1608-08	1.60 ^{+0.25} / _{-0.15} (0.063 ^{+0.010} / _{-0.006})	0.85 ^{+0.20} / _{-0.10} (0.033 ^{+0.008} / _{-0.004})	0.85 ^{+0.20} / _{-0.10} (0.033 ^{+0.008} / _{-0.004})	0.65 min	0.15 (0.006)	8.6mg
R	0805	2012-12	2.00 ^{+0.25} / _{-0.15} (0.079 ^{+0.010} / _{-0.006})	1.35 ^{+0.20} / _{-0.10} (0.053 ^{+0.008} / _{-0.004})	1.35 ^{+0.20} / _{-0.10} (0.053 ^{+0.008} / _{-0.004})	0.85 min	0.15 (0.006)	29.9mg
A	1206	3216-16	3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	1.60±0.20 (0.063±0.008)	2.00 min	0.15 (0.006)	44.6mg

