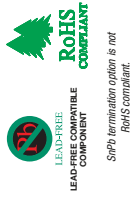


TAJ Series Standard Tantalum



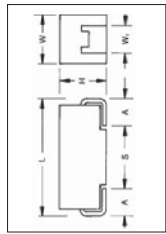
- General purpose SMT chip tantalum series
- 7 case sizes available
- Low profile options available
- CV range: 0.10-2200µF / 2.5-50V



CASE DIMENSIONS: millimeters (inches)

Code	EIA Code	EIA Metric	L±0.20 (0.009)	W±0.20 (0.008)	H±0.20 (0.008)	W ₁ ±0.20 (0.009)	A±0.30 (0.012)	S Min.
A	1288	3216-18	3.20 (0.126)	1.60 (0.063)	-0.10 (0.004)	1.20 (0.047)	-0.20 (0.008)	1.10 (0.043)
B	1210	3526-21	3.50 (0.138)	2.80 (0.110)	1.90 (0.073)	2.20 (0.087)	0.60 (0.031)	1.40 (0.055)
C	2312	6032-28	6.00 (0.236)	3.20 (0.126)	2.60 (0.102)	2.20 (0.087)	1.30 (0.051)	2.30 (0.114)
D	2917	7343-31	7.30 (0.287)	4.30 (0.169)	2.90 (0.114)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
E	2917	7343-43	7.30 (0.287)	4.30 (0.169)	4.10 (0.162)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
U	2924	7361-43	7.30 (0.287)	6.10 (0.240)	4.10 (0.162)	3.10 (0.120)	1.30 (0.051)	4.40 (0.173)
V	2924	7361-38	7.30 (0.287)	6.10 (0.240)	3.55 (0.140)	3.10 (0.120)	1.30 (0.051)	4.40 (0.173)

For part marking see page 157



W₁ dimension applies to the termination width for A dimensional area only.

HOW TO ORDER

Type	Case Size	Capacitance Code	Tolerance	Rated DC Voltage	Packaging	Specification Suffix	Additional characters may be added for special requirements
TAJ	See table above	pF code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow)	K=±10% M=±20%	002=2.5Vdc 004=4Vdc 006=6.3Vdc 010=10Vdc 016=16Vdc 020=20Vdc 025=25Vdc 035=35Vdc 050=50Vdc	R = Pure Tin 7" Reel S = Pure Tin 13" Reel A = Gold Plating 7" Reel B = Gold Plating 13" Reel H = Tin Lead 7" Reel K = Tin Lead 13" Reel (Contact Manufacturer for details) V = Dry pack Option (selected codes only) H, K = Non RoHS	NJ = Standard Suffix	
C							
M							
035							
R							
NJ							
-							

TECHNICAL SPECIFICATIONS

Technical Data:		All technical data relate to an ambient temperature of +25°C	
Capacitance Range:	0.10 µF to 2200 µF		
Capacitance Tolerance:	±10%; ±20%		
Rated Voltage (V _R)	≤ +85°C: 2.5 4 6.3 10 16 20 25 35 50		
Category Voltage (V _C)	≤ +125°C: 1.7 2.7 4 7 10 13 17 23 33		
Surge Voltage (V _S)	≤ +85°C: 3.3 5.2 8 13 20 26 32 46 65		
Surge Voltage (V _S)	≤ +125°C: 2.2 3.4 5 8 13 16 20 28 40		
Temperature Range:	-55°C to +125°C		
Reliability:	1% per 1000 hours at 85°C, V _R with 0.10V series impedance, 60% confidence level		
Qualification:	CECC 30601 - 005 issue 2 EIA 535BAAC		
Termination Finish:	Sn Plating (standard), Gold and SnPb Plating upon request		
	For AEC-Q200 availability, please contact AVX		

