

Tantalum — Continued

Surface Mount – TEH Series

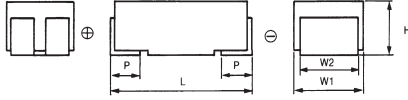


- Tantalum surface mount
- Moulded construction and heat proof lead tabs

Supplied on 8mm or 12mm embossed tape

Tolerance	±20%	Power factor @ 120Hz, 20°C	0.04
DC leakage current	0.01CV or 0.5µA max. whichever is greater	Operating temperature	0.06 for C> 2.2µF) -55°C to +125°C

Dimensions



Case Code	L±0.2	W1±0.2	W2±0.1	H±0.2	P±0.3	Tape Size	Reel Qty
Y	3.2	1.6	1.2	1.6	0.8	8mm	2000 pcs
X	3.5	2.8	2.2	1.9	0.8	8mm	2000 pcs
C	6.0	3.2	2.2	2.5	1.3	12mm	750 pcs
D	7.3	4.3	2.4	2.8	1.3	12mm	750 pcs

CAP143

Order Multiple=5		Price Each					
µF	Case Code	Order Code	5+	50+	100+	500+	1000+
6.3 Volt d.c.							
10	X	286-254					
22	C	247-443					
47	D	247-455					
10 Volt d.c.							
4.7	X	247-467					
10	C	247-479					
16 Volt d.c.							
1.0	Y	247-480					
4.7	X	262-468					
10	C	247-510					
22	D	247-522					
33	D	247-534					
20 Volt d.c.							
2.2	X	286-266					
25 Volt d.c.							
10	D	247-546					
35 Volt d.c.							
0.1	Y	247-558					
0.22	Y	247-560					
0.47	X	247-571					
1.0	X	247-583					
2.2	C	247-595					
4.7	D	247-601					

TAP Series – Professional Resin Dipped



Lead dia. = 0.5 Lead pitch = 5.0

Operating temperature	-55°C to +85°C at rated voltage and up to 125°C with appropriate voltage derating
Climatic category	55/125/56
Tolerance	±20%

6.3 Volt d.c.	Dimensions	DC Leakage	Impedance (Ω)	Mfrs.	Order Code
µF	H Dia.	Current (µA)	@ 100kHz 20°C	List No.	
6.8	8.5 4.5	0.5	8.0	TAP685M006	643-464
10	9.0 4.5	0.5	6.0	TAP106M006	643-476
15	10.0 5.0	0.7	8.0	TAP156M006	643-488
22	10.5 5.0	1.1	3.7	TAP226M006	643-490
33	10.5 5.5	1.6	3.0	TAP336M006	643-506
47	11.5 6.0	2.3	2.0	TAP476M006	643-518
68	11.5 6.5	3.4	1.8	TAP686M006	643-520
100	12.0 7.0	5.0	1.6	TAP107M006	643-531
150	14.0 8.5	7.5	0.9	TAP157M006	643-543

Order Multiple=5		Price Each				
µF	Order Code	5+	50+	100+	500+	1000+
6.8	.643-464					
10	.643-476					
15	.643-488					
22	.643-490					
33	.643-506					
47	.643-518					
68	.643-520					
100	.643-531					
150	.643-543					

10 Volt d.c.	Dimensions	DC Leakage	Impedance (Ω)	Mfrs.	Order Code
µF	H Dia.	Current (µA)	@ 100kHz 20°C	List No.	
4.7	8.5 4.5	0.5	8.0	TAP475M010	643-555
6.8	9.0 4.5	0.5	6.0	TAP685M010	643-567
10	10.0 5.0	0.8	5.0	TAP106M010	643-579
15	10.5 5.0	1.2	3.7	TAP156M010	643-580
22	10.5 5.5	1.7	2.7	TAP226M010	643-592
33	11.5 6.0	2.6	2.1	TAP336M010	643-609
47	11.5 6.5	3.7	1.7	TAP476M010	643-610
68	12.0 7.0	5.4	1.3	TAP686M010	643-622
100	14.0 8.5	8.0	1.0	TAP107M010	643-634

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Order Multiple=5		Price Each					
10 Volt d.c.	µF	Order Code	5+	50+	100+	500+	1000+
4.7		.643-555					
6.8		.643-567					
10		.643-579					
15		.643-580					
22		.643-592					
33		.643-609					
47		.643-610					
68		.643-622					
100		.643-634					

16 Volt d.c.	Dimensions	DC Leakage	Impedance (Ω)	Mfrs.	Order Code
µF	H Dia.	Current (µA)	@ 100kHz 20°C	List No.	
2.2	8.5 4.5	0.5	8.0	TAP225M016	643-646
3.3	8.5 4.5	0.5	6.0	TAP335M016	643-658
4.7	9.0 4.5	0.6	5.0	TAP475M016	643-660
6.8	10.0 5.0	0.8	4.0	TAP685M016	643-671
10	10.5 5.0	1.2	3.2	TAP106M016	643-683
15	10.5 5.5	1.9	2.5	TAP156M016	643-695
22	11.5 6.0	2.8	2.0	TAP226M016	643-701
33	11.5 6.0	4.2	1.6	TAP336M016	643-713
47	13.0 8.0	6.0	1.3	TAP476M016	643-725
68	14.0 9.0	8.7	1.0	TAP686M016	643-737

Order Multiple=5		Price Each					
16 Volt d.c.	µF	Order Code	5+	50+	100+	500+	1000+
2.2		.643-646					
3.3		.643-658					
4.7		.643-660					
6.8		.643-671					
10		.643-683					
15		.643-695					
22		.643-701					
33		.643-713					
47		.643-725					
68		.643-737					

25 Volt d.c.	Dimensions	DC Leakage	Impedance (Ω)	Mfrs.	Order Code
µF	H Dia.	Current (µA)	@ 100kHz 20°C	List No.	
2.2	8.5 4.5	0.5	6.0	TAP225M025	643-749
3.3	9.0 4.5	0.6	5.0	TAP335M025	643-750
4.7	10.0 5.0	0.9	4.0	TAP475M025	643-762
6.8	10.5 5.0	1.3	3.1	TAP685M025	643-774
10	10.5 5.5	2.0	2.5	TAP106M025	643-786
15	11.5 6.0	3.0	2.0	TAP156M025	643-798
22	12.0 7.0	4.4	1.5	TAP226M025	643-804
33	13.0 8.0	6.6	1.2	TAP336M025	643-816

Order Multiple=5		Price Each					
25 Volt d.c.	µF	Order Code	5+	50+	100+	500+	1000+
2.2		.643-749					
3.3		.643-750					
4.7		.643-762					
6.8		.643-774					
10		.643-786					
15		.643-798					
22		.643-804					
33		.643-816					

35 Volt d.c.	Dimensions	DC Leakage	Impedance (Ω)	Mfrs.	Order Code
µF	H Dia.	Current (µA)	@ 100kHz 20°C	List No.	
0.1	8.5 4.5	0.5	26.0	TAP104M035	643-828
0.15	8.5 4.5	0.5	21.0	TAP154M035	643-830
0.22	8.5 4.5	0.5	17.0	TAP224M035	643-841
0.33	8.5 4.5	0.5	15.0	TAP334M035	643-853
0.47	8.5 4.5	0.5	13.0	TAP474M035	643-865
0.68	8.5 4.5	0.5	10.0	TAP684M035	643-877
1.0	8.5 4.5	0.5	8.0	TAP105M035	643-889
1.5	8.5 4.5	0.5	6.0	TAP155M035	643-890
2.2	9.0 4.5	0.6	5.0	TAP225M035	643-907
3.3	10.0 5.0	0.9	4.0	TAP335M035	643-919
4.7	10.5 5.5	1.3	3.0	TAP475M035	643-920
6.8	11.5 6.0	1.9	2.5	TAP685M035	643-932
10	11.5 6.0	2.8	2.0	TAP106M035	643-944
15	12.0 7.0	4.2	1.6	TAP156M035	643-956

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