

Tantalum - continued

TPB Series - Low ESR, High Capacitance - continued

	ESR (mΩ)	DC Leakage	Max. Ripple	Order		
<b>6.3 Volt d.c.</b>						
330	40	207.9	3000	D4	6TPB330M	918-8592
470	80	296.1	3000	D4	6TPB470M	430-9870
470	80	296.1	3000	D4	6TPB470M	918-8606
<b>10 Volt d.c.</b>						
100	55	100	1900	D3L	10TPB100ML	430-9881
100	55	100	1900	D3L	10TPB100ML	918-8614
100	55	100	1900	D3	10TPB100M	430-9893
100	55	100	1900	D3	10TPB100M	918-8622
220	40	220	3000	D4	10TPB220M	430-9900
220	40	220	3000	D4	10TPB220M	918-8630
<b>16 Volt d.c.</b>						
47	70	75.2	1400	D3	16TPB47M	918-8649

249020

μF	Order Code	Price Each			
		1+	50+	100+	1K+
<b>2.5 Volt d.c.</b>					
1000	<b>918-8525</b>	240.00	210.00	188.00	167.00
<b>4 Volt d.c.</b>					
220	<b>430-9777</b> †	129.00	114.00	101.00	90.00
220	<b>918-8533</b>	129.00	114.00	101.00	90.00
220	<b>430-9789</b>	129.00	114.00	101.00	90.00
330	<b>918-8541</b>	143.00	125.00	113.00	100.00
330	<b>430-9790</b> †	143.00	125.00	113.00	100.00
470	<b>918-8550</b>	187.00	163.00	145.00	130.00
470	<b>430-9807</b> †	187.00	163.00	145.00	130.00
680	<b>918-8568</b>	240.00	210.00	188.00	167.00
680	<b>430-9819</b> †	240.00	210.00	188.00	167.00
<b>6.3 Volt d.c.</b>					
150	<b>430-9832</b> †	129.00	114.00	101.00	90.00
150	<b>430-9844</b>	129.00	114.00	101.00	90.00
150	<b>918-8576</b>	129.00	114.00	101.00	90.00
220	<b>430-9856</b> †	143.00	125.00	113.00	100.00
220	<b>918-8584</b>	143.00	125.00	113.00	100.00
330	<b>430-9868</b> †	187.00	163.00	145.00	130.00
330	<b>918-8592</b>	187.00	163.00	145.00	130.00
470	<b>430-9870</b> †	240.00	210.00	188.00	167.00
470	<b>918-8606</b>	240.00	210.00	188.00	167.00
<b>10 Volt d.c.</b>					
100	<b>430-9881</b> †	129.00	114.00	101.00	90.00
100	<b>918-8614</b>	129.00	114.00	101.00	90.00
100	<b>430-9893</b> †	129.00	114.00	101.00	90.00
100	<b>918-8622</b>	129.00	114.00	101.00	90.00
220	<b>430-9900</b> †	212.00	186.00	165.00	147.00
220	<b>918-8630</b>	212.00	186.00	165.00	147.00
<b>16 Volt d.c.</b>					
47	<b>918-8649</b>	184.00	161.00	143.00	127.00

MCCT Series



● General purpose

● Surface mount tantalum capacitors

Case Code	L	W	H	A	W <sub>1</sub>	Reel Qty.	Tape Size
A	±0.2	+0.2 -0.1	+0.2 -0.1	+0.3 -0.2	±0.2	2000	8mm
B	3.2	1.6	1.6	0.8	1.2	2000	8mm
C	3.5	2.8	1.9	0.8	2.2	2000	8mm
D	6	3.2	2.6	1.3	2.2	500	12mm
	7.3	4.3	2.9	1.3	2.4	500	12mm

μF	DC Leakage Current (μA)	ESR (Ω)	Case Size	Mfrs. List No.	Order Code
3.3	0.5	7	A	MCCTA335M006	119-0105
10	0.5	6	A	MCCTA106M006	119-0107
22	1.4	2.3	C	MCCTC226M006	119-0108
47	1.9	1.8	C	MCCTC476M006	119-0109

μF	Order Code	Price Each				+
		5+	50+	100+	500+	
3.3	<b>119-0105</b>	21.00	17.00	15.00	10.00	--
10	<b>119-0107</b>	20.00	16.00	14.00	10.00	--
22	<b>119-0108</b>	42.00	35.00	34.00	--	--
47	<b>119-0109</b>	42.00	35.00	29.00	21.00	--

μF	DC Leakage Current (μA)	ESR (Ω)	Case Size	Mfrs. List No.	Order Code
4.7	0.5	5	A	MCCTA475M010	119-0110
6.8	0.7	3	B	MCCTB685M010	119-0112
10	1	2.5	B	MCCTB106M010	119-0113

μF	Order Code	5+	50+	100+	500+	+
4.7	<b>119-0110</b>	22.00	17.00	15.00	11.00	--
6.8	<b>119-0112</b>	28.00	23.00	21.00	14.00	--
10	<b>119-0113</b>	26.00	22.00	18.00	13.00	--

μF	DC Leakage Current (μA)	ESR (Ω)	Case Size	Mfrs. List No.	Order Code
1	0.5	11	A	MCCTA105M016	119-0114
2.2	0.5	6.5	A	MCCTA225M016	119-0115
4.7	0.8	3.5	B	MCCTB475M016	119-0116
10	1.6	2.8	B	MCCTB106M016	119-0117
22	3.5	1.6	C	MCCTC226M016	119-0119
33	5.3	0.9	D	MCCTD336M016	119-0121
47	7.5	0.9	D	MCCTD476M016	119-0122

μF	Order Code	5+	50+	100+	500+	+
1	<b>119-0114</b>	18.00	15.00	13.00	9.00	--
2.2	<b>119-0115</b>	18.00	15.00	13.00	9.00	--
4.7	<b>119-0116</b>	28.00	23.00	21.00	14.00	--
10	<b>119-0117</b>	27.00	22.00	19.00	13.00	--
22	<b>119-0119</b>	42.00	35.00	29.00	21.00	--
33	<b>119-0121</b>	86.00	72.00	61.00	42.00	--
47	<b>119-0122</b>	86.00	72.00	61.00	42.00	--

μF	DC Leakage Current (μA)	ESR (Ω)	Case Size	Mfrs. List No.	Order Code
2.2	0.5	3.5	B	MCCTB225M020	119-0123
3.3	0.7	3	B	MCCTB335M020	119-0124
4.7	1	3	B	MCCTB475M020	119-0125

μF	Order Code	5+	50+	100+	500+	+
2.2	<b>119-0123</b>	28.00	23.00	21.00	14.00	--
3.3	<b>119-0124</b>	26.00	22.00	18.00	13.00	--
4.7	<b>119-0125</b>	26.00	22.00	19.00	13.00	--
22	<b>967-191</b>	86.00	72.00	61.00	42.00	--

μF	DC Leakage Current (μA)	ESR (Ω)	Case Size	Mfrs. List No.	Order Code
1	0.5	8	A	MCCTA105M025	119-0127
2.2	0.6	4.5	B	MCCTB225M025	119-0128
10	2.5	2.5	C	MCCTC106M025	119-0129

μF	Order Code	5+	50+	100+	500+	+
1	<b>119-0127</b>	18.00	15.00	13.00	9.00	--
2.2	<b>119-0128</b>	28.00	23.00	21.00	14.00	--
10	<b>119-0129</b>	42.00	35.00	30.00	22.00	--

μF	DC Leakage Current (μA)	ESR (Ω)	Case Size	Mfrs. List No.	Order Code
0.1	0.5	24	A	MCCTA104M035	119-0132
0.22	0.5	18	A	MCCTA224M035	119-0133
0.47	0.5	12	A	MCCTA474M035	119-0134
1	0.5	6.5	B	MCCTB105M035	119-0135
2.2	0.8	3.5	C	MCCTC225M035	119-0136
4.7	1.6	2.2	C	MCCTC475M035	119-0137
6.8	2.4	1.3	D	MCCTD685M035	119-0138
10	3.5	1	D	MCCTD106M035	119-0139

208532

μF	Order Code	5+	50+	100+	500+	+
0.1	<b>119-0132</b>	37.00	30.00	26.00	19.00	--
0.22	<b>119-0133</b>	27.00	22.00	20.00	14.00	--
0.47	<b>119-0134</b>	61.00	50.00	45.00	30.00	--
1	<b>119-0135</b>	29.00	24.00	21.00	15.00	--
2.2	<b>119-0136</b>	37.00	30.00	26.00	18.00	--
4.7	<b>119-0137</b>	48.00	40.00	35.00	24.00	--
6.8	<b>119-0138</b>	86.00	71.00	61.00	42.00	--
10	<b>119-0139</b>	86.00	71.00	61.00	42.00	--

TAJ Series - Low Profile



- Surface mount tantalum chip capacitors
- Latest low profile case sizes
- For use with modern soldering and washing processes
- Laser marked and conform to CECC 30801-005
- S & T case sizes have same footprint A & B
- W & Y case sizes have same footprint as C & D

Case Code	L	W	H	W <sub>2</sub>	P	Reel Qty.	Tape Width
P	±0.2	+2.0 -0.1	+2.0 -0.1	1±0.1	+0.3 -0.2	2500	8mm
S	3.2	1.35	1.5	1.3	0.5	2500	8mm
T	3.5	1.6	1.2	1.2	0.8	2500	8mm
W	6.0	3.2	1.5	2.0	1.3	1000	12mm
X	7.3	4.3	1.5	2.4	1.3	1000	12mm
Y	7.3	4.3	2.0	2.4	1.3	1000	12mm

Case sizes S, T, W, Y are low profile versions of A, B, C, D case sizes respectively  
Operating temperature -55°C to +85°C ESR measured at 100kHz 25°C