

MIL-PRF-49470 LOW PROFILE (BP) REDUCED HEIGHT — LARGER CASE SIZE

MIL-PRF-49470 (Change J to K for 10% Tol.)	Cap µF	Case Code	Height A inches (mm)	Cap Tol. 5%	Presidio Part No. (Change J to K for 10% Tol.)
Blue Fill = T Level		Bold = M Level		50 VOLT (A)	
BP	T or M49470P01184JA*	0.18	4 .240 (6.10)	5%	HRS205BP184J2*4
	T or M49470P01224JA*	0.22	4 .240 (6.10)	5%	HRS205BP224J2*4
	T or M49470P01274JA*	0.27	4 .240 (6.10)	5%	HRS205BP274J2*4
	T or M49470P01564JA*	0.56	3 .240 (6.10)	5%	HRS213BP564J2*10
	T or M49470P01225JA*	2.2	2 .240 (6.10)	5%	HRS215BP225J2*15
	T or M49470P01275JA*	2.7	2 .240 (6.10)	5%	HRS215BP275J2*15
	T or M49470P01335JA*	3.3	2 .360 (9.14)	5%	HRS315BP335J2*15
	T or M49470P01395JA*	3.9	2 .360 (9.14)	5%	HRS315BP395J2*15
T or M49470P01475JA*	4.7	2 .480 (12.19)	5%	HRS415BP475J2*15	
Blue Fill = T Level		Bold = M Level		100 VOLT (B)	
BP	T or M49470P01154JB*	0.15	4 .240 (6.10)	5%	HRS205BP154J3*4
	T or M49470P01184JB*	0.18	4 .240 (6.10)	5%	HRS205BP184J3*4
	T or M49470P01224JB*	0.22	4 .240 (6.10)	5%	HRS205BP224J3*4
	T or M49470P01474JB*	0.47	3 .240 (6.10)	5%	HRS213BP474J3*4
	T or M49470P01564JB*	0.56	3 .240 (6.10)	5%	HRS213BP564J3*10
	T or M49470P01185JB*	1.8	2 .240 (6.10)	5%	HRS215BP185J3*15
	T or M49470P01335JB*	3.3	2 .480 (12.19)	5%	HRS415BP335J3*15
	Blue Fill = T Level		Bold = M Level		200 VOLT (C)
BP	T or M49470P01683JC*	0.068	4 .120 (3.05)	5%	HRS105BP683J4*4
	T or M49470P01823JC*	0.082	4 .240 (6.10)	5%	HRS205BP823J4*4
	T or M49470P01104JC*	0.1	4 .240 (6.10)	5%	HRS205BP104J4*4
	T or M49470P01274JC*	0.27	3 .240 (6.10)	5%	HRS213BP274J4*10
	T or M49470P01824JC*	0.82	2 .240 (6.10)	5%	HRS215BP824J4*15
	T or M49470P01105JC*	1	2 .240 (6.10)	5%	HRS215BP105J4*15
	T or M49470P01125JC*	1.2	2 .360 (9.14)	5%	HRS315BP125J4*15
	T or M49470P01155JC*	1.5	2 .360 (9.14)	5%	HRS315BP155J4*15
T or M49470P01185JC*	1.8	2 .480 (12.19)	5%	HRS415BP185J4*15	
Blue Fill = T Level		Bold = M Level		500 VOLT (E)	
BP	T or M49470P01333JE*	0.033	4 .240 (6.10)	5%	HRS205BP333J6*4
	T or M49470P01393JE*	0.039	4 .240 (6.10)	5%	HRS205BP393J6*4
	T or M49470P01473JE*	0.047	4 .360 (9.14)	5%	HRS305BP473J6*4
	T or M49470P01124JE*	0.12	3 .240 (6.10)	5%	HRS213BP124J6*10
	T or M49470P01394JE*	0.39	2 .240 (6.10)	5%	HRS215BP394J6*15
	T or M49470P01474JE*	0.47	2 .240 (6.10)	5%	HRS215BP474J6*15
	T or M49470P01564JE*	0.56	2 .360 (9.14)	5%	HRS315BP564J6*15
	T or M49470P01684JE*	0.68	2 .360 (9.14)	5%	HRS315BP684J6*15
T or M49470P01824JE*	0.82	2 .480 (12.19)	5%	HRS415BP824J6*15	
T or M49470P01225JE*	2.2	6 .480 (12.19)	5%	HRS415BP225J6*20	

PRESIDIO'S MIL-PRF-49470 LOW PROFILE CAPACITORS

Asterisk in Part Number (*) refers to lead style A — F. Consult factory or DLA website for qualification status.

For these parts "low profile" indicates the height has been reduced by using a larger case code and reducing the number of chips per stack.

Presidio is a world leader in the manufacturing of ceramic stacked capacitors. We can optimize our design for the foot print and height available on your board. We are easy to reach.

Please contact our engineering team at
+1-858-578-9390
or email us at info@presidiocomponents.com.

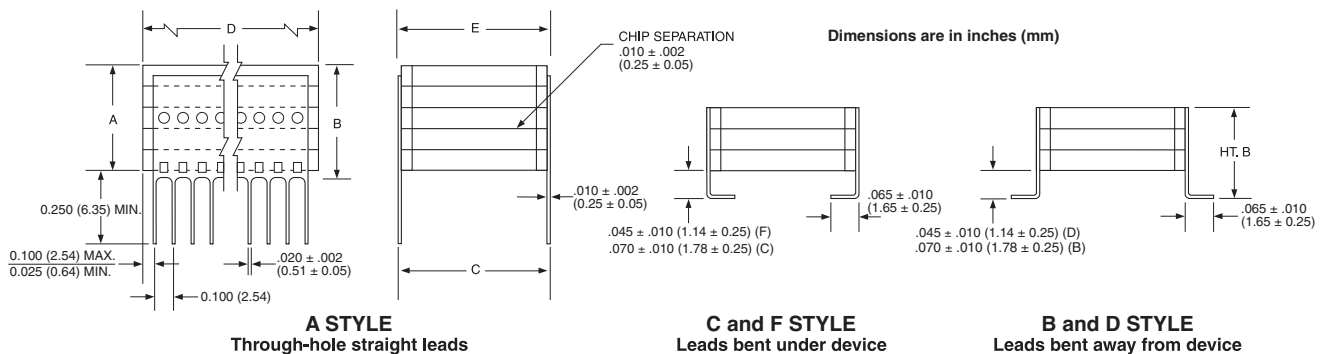
49470 LOW PROFILE LEADS

49470 Lead Symbol (Last Digit of P/N)	Lead Style	Stack Height Profile (Dimension A)	Formed Lead Height inches (mm)
A	N (straight)	Low	N/A
B	L (formed)	Low	.070 ± .010 (1.78 ± 0.25)
D	L (formed)	Low	.045 ± .010 (1.14 ± 0.25)
C	J (formed)	Low	.070 ± .010 (1.78 ± 0.25)
F	J (formed)	Low	.045 ± .010 (1.14 ± 0.25)

49470 LOW PROFILE DIMENSIONS

49470 Case Code	C ± .025 in. (± .64 mm)	D inches (mm)		E (max.) inches (mm)	Number of Leads per Side
		Min.	Max.		
1	.450 (11.43)	1.950 (49.53)	2.075 (52.71)	.500 (12.70)	20
2	.800 (20.32)	1.450 (36.83)	1.535 (38.99)	.870 (22.10)	15
3	.450 (11.43)	.950 (24.13)	1.075 (27.31)	.500 (12.70)	10
4	.400 (10.16)	.350 (8.89)	.425 (10.80)	.440 (11.18)	4
5	.250 (6.35)	.224 (5.69)	.275 (6.99)	.300 (7.62)	3
6	1.250 (31.75)	1.950 (49.53)	2.075 (52.71)	1.350 (34.29)	20

M & T LEVEL 49470 LOW PROFILE LEAD STYLE AND DIMENSIONS



MIL-PRF-49470 QPL LOW PROFILE PART NUMBER

T49470	P	01	104	J	C	D
Product Level for Level B, use M for Level T, use T	Dielectric Characteristic (P) See page 10	Performance Specification Slash Sheet Number Indicating MIL-PRF-49470/1&2	Capacitance Value (in picofarads): Two significant figures followed by the number of zeros. Examples: 103 = 10,000 pF = .01 µF 104 = 100,000 pF = 0.1 µF	Capacitance Tolerance J = 5% (BP Only) K = 10% M = 20%	Rated Voltage (Z, A, B, C, E)	Lead Configuration (A, B, D, C, F)