

# MIL-PRF-49470 LOW PROFILE REDUCED HEIGHT-LARGER CASE SIZE

*M for 20% tol.*

MIL-PRF-49470 (change K to M for 20% tol.)	Cap µF	Case	Height A inches (mm)	Cap Tol. 10%	Presidio Part No. (change K to M for 20% tol.)
<b>50V</b>					
M49470 X 01 475 K A *	4.7	4	.240 (6.10)	10%	HR S 2 05 BX 475 K 2 * 4
M49470 X 01 565 K A *	5.6	4	.240 (6.10)	10%	HR S 2 05 BX 565 K 2 * 4
M49470 X 01 156 K A *	15	3	.240 (6.10)	10%	HR S 2 13 BX 156 K 2 * 10
M49470 X 01 476 K A *	47	2	.240 (6.10)	10%	HR S 2 15 BX 476 K 2 * 15
M49470 X 01 566 K A *	56	2	.240 (6.10)	10%	HR S 2 15 BX 566 K 2 * 15
M49470 X 01 686 K A *	68	2	.360 (9.14)	10%	HR S 3 15 BX 686 K 2 * 15
M49470 X 01 826 K A *	82	2	.360 (9.14)	10%	HR S 3 15 BX 826 K 2 * 15
M49470 X 01 107 K A *	100	2	.480 (12.19)	10%	HR S 4 15 BX 107 K 2 * 15

MIL-PRF-49470 (change K to M for 20% tol.)	Cap µF	Case	Height A inches (mm)	Cap Tol. 10%	Presidio Part No. (change K to M for 20% tol.)
<b>100V</b>					
M49470 X 01 225 K B *	2.2	4	.240 (6.10)	10%	HR S 2 05 BX 225 K 3 * 4
M49470 X 01 335 K B *	3.3	4	.240 (6.10)	10%	HR S 2 05 BX 335 K 3 * 4
M49470 X 01 825 K B *	8.2	3	.240 (6.10)	10%	HR S 2 13 BX 825 K 3 * 10
M49470 X 01 276 K B *	27	2	.240 (6.10)	10%	HR S 2 15 BX 276 K 3 * 15
M49470 X 01 336 K B *	33	2	.240 (6.10)	10%	HR S 2 15 BX 336 K 3 * 15
M49470 X 01 396 K B *	39	2	.360 (9.14)	10%	HR S 3 15 BX 396 K 3 * 15
M49470 X 01 476 K B *	47	2	.360 (9.14)	10%	HR S 3 15 BX 476 K 3 * 15

MIL-PRF-49470 (change K to M for 20% tol.)	Cap µF	Case	Height A inches (mm)	Cap Tol. 10%	Presidio Part No. (change K to M for 20% tol.)
<b>200V</b>					
M49470 R 01 105 K C *	1.0	4	.120 (3.05)	10%	HR S 1 05 BR 105 K 4 * 4
M49470 R 01 125 K C *	1.2	4	.240 (6.10)	10%	HR S 2 05 BR 125 K 4 * 4
M49470 R 01 155 K C *	1.5	4	.240 (6.10)	10%	HR S 2 05 BR 155 K 4 * 4
M49470 R 01 395 K C *	3.9	3	.240 (6.10)	10%	HR S 2 13 BR 395 K 4 * 10
M49470 R 01 126 K C *	12	2	.240 (6.10)	10%	HR S 2 15 BR 126 K 4 * 15
M49470 R 01 156 K C *	15	2	.240 (6.10)	10%	HR S 2 15 BR 156 K 4 * 15
M49470 R 01 186 K C *	18	2	.360 (9.14)	10%	HR S 3 15 BR 186 K 4 * 15
M49470 R 01 226 K C *	22	2	.360 (9.14)	10%	HR S 3 15 BR 226 K 4 * 15
M49470 R 01 276 K C *	27	2	.480 (12.19)	10%	HR S 4 15 BR 276 K 4 * 15

MIL-PRF-49470 (change K to M for 20% tol.)	Cap µF	Case	Height A inches (mm)	Cap Tol. 10%	Presidio Part No. (change K to M for 20% tol.)
<b>500V</b>					
M49470 Q 01 564 K E *	.56	4	.240 (6.10)	10%	HR S 2 05 BQ 564 K 6 * 4
M49470 Q 01 684 K E *	.68	4	.240 (6.10)	10%	HR S 2 05 BQ 684 K 6 * 4
M49470 Q 01 185 K E *	1.8	3	.240 (6.10)	10%	HR S 2 13 BQ 185 K 6 * 10
M49470 Q 01 565 K E *	5.6	2	.240 (6.10)	10%	HR S 2 15 BQ 565 K 6 * 15
M49470 Q 01 685 K E *	6.8	2	.240 (6.10)	10%	HR S 2 15 BQ 685 K 6 * 15
M49470 Q 01 825 K E *	8.2	2	.360 (9.14)	10%	HR S 3 15 BQ 825 K 6 * 15
M49470 Q 01 106 K E *	10	2	.360 (9.14)	10%	HR S 3 15 BQ 106 K 6 * 15
M49470 Q 01 126 K E *	12	2	.480 (12.19)	10%	HR S 4 15 BQ 126 K 6 * 15

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.

Asterisk (\*) refers to lead style A – F; consult factory or DSCC website for qualification status.

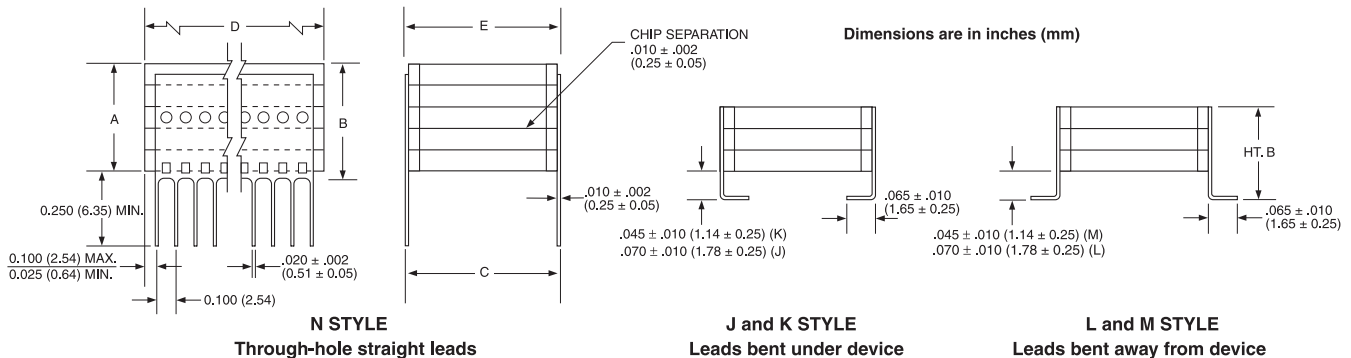
## 49470 LOW PROFILE

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 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

## 49470/87106/88011 LEAD STYLE AND DIMENSIONS



## MIL-PRF-49470 P/N

**M49470**

Performance  
Specification Indicating  
MIL-PRF-49470  
(for T Level parts substitute  
"T" for "M" in the above)

**X**

Characteristic  
(1.2.1.1)

**01**

Performance  
Specification  
Sheet Number  
Indicating  
MIL-PRF-49470/1

**475**

Capacitance  
Value  
(1.2.1.2)

**K**

J = 5%  
K = 10%  
M = 20%  
Capacitance  
Tolerance (1.2.1.3)

**A**

Rated  
Voltage  
(1.2.1.4)

**A**

Lead  
Configuration  
(1.2.1.5)

*Call for 5% tol. (BP only)*



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