

MIL-PRF-49470 Low Profile

Reduced Height - Larger Case Size

50 Volts

MIL-PRF-49470	Cap μF	Case	Height (A) inches (mm)	Cap Tolerance	Presidio Part Number
M49470 X 01 475 K A *	4.7	4	.240 (6.10)	10%	HR S 2 05 BX 475 K 2 * 4
M49470 X 01 475 M A *	4.7	4	.240 (6.10)	20%	HR S 2 05 BX 475 M 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 01 565 M A *	5.6	4	.240 (6.10)	20%	HR S 2 05 BX 565 M 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 01 156 M A *	15	3	.240 (6.10)	20%	HR S 2 13 BX 156 M 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 01 476 M A *	47	2	.240 (6.10)	20%	HR S 2 15 BX 476 M 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 01 566 M A *	56	2	.240 (6.10)	20%	HR S 2 15 BX 566 M 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 01 686 M A *	68	2	.360 (9.14)	20%	HR S 3 15 BX 686 M 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 01 826 M A *	82	2	.360 (9.14)	20%	HR S 3 15 BX 826 M 2 * 15
M49470 X 01 107 K A *	100	2	.480 (12.19)	10%	HR S 4 15 BX 107 K 2 * 15
M49470 X 01 107 M A *	100	2	.480 (12.19)	20%	HR S 4 15 BX 107 M 2 * 15

100 Volts

MIL-PRF-49470	Cap μF	Case	Height (A) inches (mm)	Cap Tolerance	Presidio Part Number
M49470 X 01 225 K B *	2.2	4	.240 (6.10)	10%	HR S 2 05 BX 225 K 3 * 4
M49470 X 01 225 M B*	2.2	4	.240 (6.10)	20%	HR S 2 05 BX 225 M 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 01 335 M B*	3.3	4	.240 (6.10)	20%	HR S 2 05 BX 335 M 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 01 825 M B*	8.2	3	.240 (6.10)	20%	HR S 2 13 BX 825 M 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 01 276 M B*	27	2	.240 (6.10)	20%	HR S 2 15 BX 276 M 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 01 336 M B*	33	2	.240 (6.10)	20%	HR S 2 15 BX 336 M 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 01 396 M B*	39	2	.360 (9.14)	20%	HR S 3 15 BX 396 M 3 * 15
M49470 X 01 476 K B *	47	2	.360 (9.14)	10%	HR S 3 15 BX 476 K 3 * 15
M49470 X 01 476 M B*	47	2	.360 (9.14)	20%	HR S 3 15 BX 476 M 3 * 15



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Reduced Height - Larger Case Size

200 Volts

MIL-PRF-49470	Cap μF	Case	Height (A) inches (mm)	Cap Tolerance	Presidio Part Number
M49470 R 01 105 K C *	1.0	4	.120 (3.05)	10%	HR S 1 05 BR 105 K 4 * 4
M49470 R 01 105 M C *	1.0	4	.120 (3.05)	20%	HR S 1 05 BR 105 M 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 01 125 M C *	1.2	4	.240 (6.10)	20%	HR S 2 05 BR 125 M 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 01 155 M C *	1.5	4	.240 (6.10)	20%	HR S 2 05 BR 155 M 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 01 395 M C *	3.9	3	.240 (6.10)	20%	HR S 2 13 BR 395 M 4 * 10
M49470 R 01 126 K C *	12.0	2	.240 (6.10)	10%	HR S 2 15 BR 126 K 4 * 15
M49470 R 01 126 M C *	12.0	2	.240 (6.10)	20%	HR S 2 15 BR 126 M 4 * 15
M49470 R 01 156 K C *	15.0	2	.240 (6.10)	10%	HR S 2 15 BR 156 K 4 * 15
M49470 R 01 156 M C *	15.0	2	.240 (6.10)	20%	HR S 2 15 BR 156 M 4 * 15
M49470 R 01 186 K C *	18.0	2	.360 (9.14)	10%	HR S 3 15 BR 186 K 4 * 15
M49470 R 01 186 M C *	18.0	2	.360 (9.14)	20%	HR S 3 15 BR 186 M 4 * 15
M49470 R 01 226 K C *	22.0	2	.360 (9.14)	10%	HR S 3 15 BR 226 K 4 * 15
M49470 R 01 226 M C *	22.0	2	.360 (9.14)	20%	HR S 3 15 BR 226 M 4 * 15
M49470 R 01 276 K C *	27.0	2	.480 (12.19)	10%	HR S 4 15 BR 276 K 4 * 15
M49470 R 01 276 M C *	27.0	2	.480 (12.19)	20%	HR S 4 15 BR 276 M 4 * 15

500 Volts

MIL-PRF-49470	Cap μF	Case	Height (A) inches (mm)	Cap Tolerance	Presidio Part Number
M49470 Q 01 564 K E *	.56	4	.240 (6.10)	10%	HR S 2 05 BQ 564 K 6 * 4
M49470 Q 01 564 M E *	.56	4	.240 (6.10)	20%	HR S 2 05 BQ 564 M 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 01 684 M E *	.68	4	.240 (6.10)	20%	HR S 2 05 BQ 684 M 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 01 185 M E *	1.8	3	.240 (6.10)	20%	HR S 2 13 BQ 185 M 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 01 565 M E *	5.6	2	.240 (6.10)	20%	HR S 2 15 BQ 565 M 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 01 685 M E *	6.8	2	.240 (6.10)	20%	HR S 2 15 BQ 685 M 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 01 825 M E *	8.2	2	.360 (9.14)	20%	HR S 3 15 BQ 825 M 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 01 106 M E *	10	2	.360 (9.14)	20%	HR S 3 15 BQ 106 M 6 * 15
M49470 Q 01 126 K E *	12	2	.480 (12.19)	10%	HR S 4 15 BQ 126 K 6 * 15
M49470 Q 01 126 M E *	12	2	.480 (12.19)	20%	HR S 4 15 BQ 126 M 6 * 15

Notes:

For these parts, low profile indicates the height has been reduced by using a larger case code.
Asterisk (*) refers to lead style A through F; consult factory or DSCC website for qualification status.



MIL-PRF-49470 Low Profile

Reduced Height - Larger Case Size

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

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)

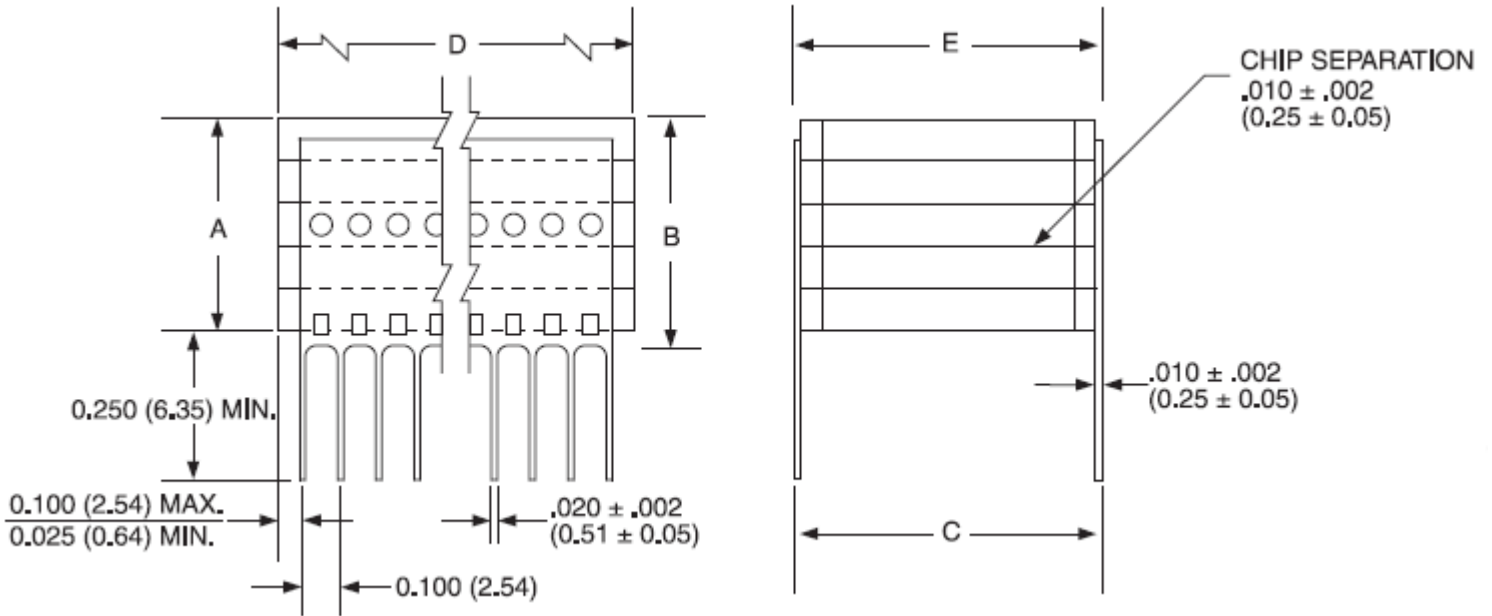
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49470/87106/88011 Lead Style and Dimensions

N Style

Through-hole straight leads
inches (mm)

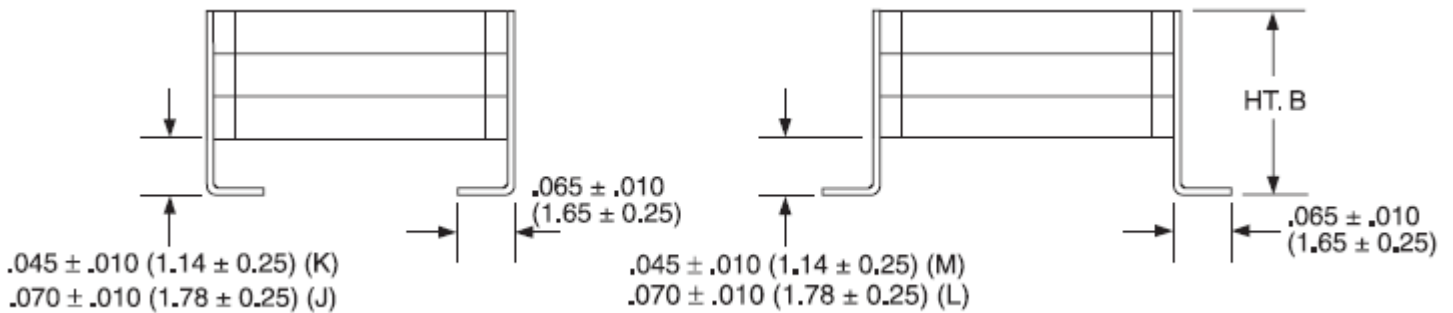


J and K Style

Leads bent under device
inches (mm)

L and M Style

Leads bent away from device
inches (mm)



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MIL-PRF-49470 Part Number

<u>M49470</u>	<u>X</u>	<u>01</u>	<u>475</u>	<u>K</u>	<u>A</u>	<u>A</u>
Performance Specification Indicating MIL-PRF-49470 (for T Level parts substitute "T" for "M" in the above)	Characteristic (1.2.1.1)	Performance Specification Sheet Number Indicating MIL-PRF-49470/1	Capacitance Value (1.2.1.2)	J = 5% (BP only) K = 10% M = 20% Capacitance Tolerance (1.2.1.3)	Rated Voltage (1.2.1.4)	Lead Configuration (1.2.1.5)



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