













Power Inductors Selection Guide (Type)

SMD Type Series

Coils, Transformers

Series	Height max.(mm)	Size typ.(mm)	Appearance	Model name	Inductance					DC Resistance typ.(mΩ)	Rated DC Current (A)	
					1μH	10μH	100μH	1mH	10mH		L=-10% or L=-30%	ΔT=25K or ΔT=40K
CP Series	1.0	3.0×3.0		C3-P1.0R	1.2μH	10μH				120-630	0.57-1.50	-
	1.2			C3-P1.2R	1.2μH	47μH				55-1,300	0.26-1.50	-
				C3-P1.2RA	1μH	18μH				65-750	0.52-2.00	-
	1.5	C3-P1.5R	1.5μH	47μH				58-1,050	0.33-2.40	-		
		4.0×4.0		C4-P1.5R	1μH	47μH				45-850	0.35-2.85	-
	C4-P1.8R			1.2μH	68μH				40-920	0.37-2.70	-	
CZ Series	1.2	3.0×3.0		C3-Z1.2R	1.2μH	10μH				90-450	0.33-0.85	0.55-1.05
	1.5			C3-Z1.5R	2.2μH	22μH				90-800	0.25-0.80	0.30-1.00
	1.8			C3-Z1.8R	2.2μH	47μH				85-1,150	0.23-1.00	0.25-1.10
CY Series	1.2	3.8×3.8		C3-Y1.2R	1.2μH	22μH				69-790	0.20-1.40	0.30-1.30
	1.5			C3-Y1.5R	1μH	47μH				62-938	0.25-1.90	0.43-1.80
	1.8			C3-Y1.8R	1.2μH	47μH				68-820	0.30-1.80	0.30-1.90
	4.6×4.6		C4-Y1.2R	1μH	47μH				62-1,360	0.28-2.10	0.40-1.70	
			C4-Y1.5R	1μH	47μH				70-1,170	0.38-2.60	0.42-1.75	

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.














Series	Height max.(mm)	Size typ.(mm)	Appearance	Model name	Inductance					DC Resistance typ.(mΩ)	Rated DC Current (A)	
					1μH	10μH	100μH	1mH	10mH		L=-10% or L=-30%	ΔT=25K or ΔT=40K
CK Series	1.9	4.8×4.8		C4-K1.8R	1μH	150μH				18~1,420	0.22~2.40	0.30~3.20
				C4-K1.8RA	1μH	150μH				22~2,100	0.31~3.50	0.19~2.30
	3			C4-K3L	1μH	150μH (220μH)				12~485	0.20~1.95	-
				C4-K3LA	1μH	150μH				13~976	0.36~3.00	0.44~4.00
	3	5.6×5.6		C5-K3LGA	1.2μH	100μH				17~590	0.65~5.00	0.55~4.00
	3.2	6.6×6.6		C6-K3LG	1μH	1,000μH				8~3,800	0.21~6.30	0.24~6.30
	5			C6-K5LGA	1.2μH	3,300μH				10~10,700	0.23~9.00	0.14~6.50
				C6-K5RA	1.5μH	100μH				14~390	1.1~8.5	1.0~5.8
	4	8.0×8.0		C8-K4L	1μH	150μH				10~421	0.73~7.00	-
	6	10.0×10.0		C10-K6L	2.2μH	100μH				16~200	1.50~8.50	1.50~5.40
	4.5	11.5×11.5		C12-K4.5L	1μH	150μH				7~430	1.20~7.10	-
	7.5			C12-K7.5L	1μH	5,600μH				6~5,500	0.28~23.5	0.27~12.0

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

Power Inductors Selection Guide (Height)










SMD Type Series

Coils, Transformers

Height max.(mm)	Size typ.(mm)	Appearance	Model name	Inductance					DC Resistance typ.(mΩ)	Rated DC Current (A)	
				1μH	10μH	100μH	1mH	10mH		L=-10% or L=-30%	ΔT=25K or ΔT=40K
1.0	3.0×3.0		C3-P1.0R	1.2μH	10μH				120-630	0.57-1.50	-
1.2	3.0×3.0		C3-P1.2R	1.2μH	47μH				55-1,300	0.26-1.50	-
			C3-P1.2RA	1μH	18μH				65-750	0.52-2.00	-
	3.0×3.0		C3-Z1.2R	1.2μH	10μH				90-450	0.33-0.85	0.55-1.05
	3.8×3.8		C3-Y1.2R	1.2μH	22μH				69-790	0.20-1.40	0.30-1.30
	4.6×4.6		C4-Y1.2R	1μH	47μH				62-1,360	0.28-2.10	0.40-1.70
1.5	3.0×3.0		C3-P1.5R	1.5μH	47μH				58-1,050	0.33-2.40	-
	3.0×3.0		C3-Z1.5R	2.2μH	22μH				90-800	0.25-0.80	0.30-1.00
	3.8×3.8		C3-Y1.5R	1μH	47μH				62-938	0.25-1.90	0.43-1.80
	4.0×4.0		C4-P1.5R	1μH	47μH				45-850	0.35-2.85	-
	4.6×4.6		C4-Y1.5R	1μH	47μH				70-1,170	0.38-2.60	0.42-1.75
1.8	3.0×3.0		C3-Z1.8R	2.2μH	47μH				85-1,150	0.23-1.00	0.25-1.10
	3.8×3.8		C3-Y1.8R	1.2μH	47μH				68-820	0.30-1.80	0.30-1.90
	4.0×4.0		C4-P1.8R	1.2μH	68μH				40-920	0.37-2.70	-

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

Power Inductors Selection Guide (Height)










Height max.(mm)	Size typ.(mm)	Appearance	Model name	Inductance					DC Resistance typ.(mΩ)	Rated DC Current (A)	
				1μH	10μH	100μH	1mH	10mH		L=-10% or L=-30%	ΔT=25K or ΔT=40K
1.9	4.8×4.8		C4-K1.8R	1μH	150μH				18-1,420	0.22-2.40	0.30-3.20
			C4-K1.8RA	1μH	150μH				22-2,100	0.31-3.50	0.19-2.30
3	4.8×4.8		C4-K3L	1μH	150μH (220μH)				12-485	0.20-1.95	-
			C4-K3LA	1μH	150μH				13-976	0.36-3.00	0.44-4.00
	5.6×5.6		C5-K3LGA	1.2μH	100μH				17-590	0.65-5.00	0.55-4.00
3.2	6.6×6.6		C6-K3LG	1μH	1,000μH				8-3,800	0.21-6.30	0.24-6.30
4	8.0×8.0		C8-K4L	1μH	150μH				10-421	0.73-7.00	-
4.5	11.5×11.5		C12-K4.5L	1μH	150μH				7-430	1.20-7.10	-
5	6.6×6.6		C6-K5LGA	1.2μH	3,300μH				10-10,700	0.23-9.00	0.14-6.50
			C6-K5RA	1.5μH	100μH				14-390	1.1-8.5	1.0-5.8
6	10.0×10.0		C10-K6L	2.2μH	100μH				16-200	1.50-8.50	1.50-5.40
7.5	11.5×11.5		C12-K7.5L	1μH	5,600μH				6-5,500	0.28-23.5	0.27-12.0

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

Power Inductors Selection Guide (Bottom Square)








SMD Type Series

Coils, Transformers

Size typ.(mm)	Height max.(mm)	Appearance	Model name	Inductance					DC Resistance typ.(mΩ)	Rated DC Current (A)	
				1μH	10μH	100μH	1mH	10mH		L=-10% or L=-30%	ΔT=25K or ΔT=40K
3.0×3.0	1.0		C3-P1.0R	1.2μH	10μH				120-630	0.57-1.50	-
	1.2		C3-P1.2R	1.2μH	47μH				55-1,300	0.26-1.50	-
		C3-P1.2RA	1μH	18μH				65-750	0.52-2.00	-	
			C3-Z1.2R	1.2μH	10μH			90-450	0.33-0.85	0.55-1.05	
		1.5		C3-P1.5R	1.5μH	47μH			58-1,050	0.33-2.40	-
			C3-Z1.5R	2.2μH	22μH			90-800	0.25-0.80	0.30-1.00	
1.8		C3-Z1.8R	2.2μH	47μH			85-1,150	0.23-1.00	0.25-1.10		
3.8×3.8	1.2		C3-Y1.2R	1.2μH	22μH			69-790	0.20-1.40	0.30-1.30	
	1.5		C3-Y1.5R	1μH	47μH			62-938	0.25-1.90	0.43-1.80	
	1.8		C3-Y1.8R	1.2μH	47μH			68-820	0.30-1.80	0.30-1.90	
4.0×4.0	1.5		C4-P1.5R	1μH	47μH			45-850	0.35-2.85	-	
	1.8		C4-P1.8R	1.2μH	68μH			40-920	0.37-2.70	-	
4.6×4.6	1.2		C4-Y1.2R	1μH	47μH			62-1,360	0.28-2.10	0.40-1.70	
	1.5		C4-Y1.5R	1μH	47μH			70-1,170	0.38-2.60	0.42-1.75	

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

Power Inductors Selection Guide (Bottom Square)

Size typ.(mm)	Height max.(mm)	Appearance	Model name	Inductance					DC Resistance typ.(mΩ)	Rated DC Current (A)		
				1μH	10μH	100μH	1mH	10mH		L=-10% or L=-30%	ΔT=25K or ΔT=40K	
4.8×4.8	1.9		C4-K1.8R	1μH	150μH					18~1,420	0.22~2.40	0.30~3.20
			C4-K1.8RA	1μH	150μH					22~2,100	0.31~3.50	0.19~2.30
	3		C4-K3L	1μH	150μH (220μH)					12~485	0.20~1.95	-
			C4-K3LA	1μH	150μH					13~976	0.36~3.00	0.44~4.00
5.6×5.6	3		C5-K3LGA	1.2μH	100μH					17~590	0.65~5.00	0.55~4.00
6.6×6.6	3.2		C6-K3LG	1μH	1,000μH					8~3,800	0.21~6.30	0.24~6.30
	5		C6-K5LGA	1.2μH	3,300μH					10~10,700	0.23~9.00	0.14~6.50
			C6-K5RA	1.5μH	100μH					14~390	1.1~8.5	1.0~5.8
8.0×8.0	4		C8-K4L	1μH	150μH					10~421	0.73~7.00	-
10.0×10.0	6		C10-K6L	2.2μH	100μH					16~200	1.50~8.50	1.50~5.40
11.5×11.5	4.5		C12-K4.5L	1μH	150μH					7~430	1.20~7.10	-
	7.5		C12-K7.5L	1μH	5,600μH					6~5,500	0.28~23.5	0.27~12.0

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.