

Selection Guide

■ Ferrite Bead

- Suitable for applications with Band-stop filter for high frequency noise.
- Suitable for applications with ultra high current.
- High mechanical body.
- Stable characteristic.

Thickness (mm)	SMD	DIP	Hinged clamp
2.5	SMB 323023I SMB 403022I	RH 25XX	
3.1	SMB 403025 SMB 853025 SMA 455625(Array) SMA 855625(Array)		
3.5		RH 35XX	
3.6	SMB 784730		
4.6	R5H		
10		R6H	
>13			JMLF

■ Wound Chip Inductor

- Suitable for applications with higher current than Multilayer type.
- Higher Q characteristic.
- Some parts are available to work in ultra high frequency.

Thickness (mm)	Air Coil		Ferrite Core (SMD)	Ceramic Core (SMD)
	SMD	Dip		
0.5		JASA		JWI0402C
1.05				JWI0603C
1.2			JWI0805F	JWI0805C
1.4	JAS-292 JSQ-0806A			
1.6	JSQ-0807A		JWI1008F	JWI1008C
1.8	JSQ-0908A	JASA	JWI252018	
2.2			JWI1210F JWI322522	JWI1210C
3.0		JASA		
3.2	JAS-291		JWI453232	
>3.2		JASA		



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■ Multilayer Chip Bead & Inductor

- Economy price.
- Various kinds of specification for selection.

Thickness (mm)	Inductor		Bead	
	High Frequency	Normal	High Current	Normal
0.3	JCI 0603C			JCB060303
0.5	JCI 1005C	JCI 1005	JCB100505A	JCB100505
0.8		JCI 1608	JCB160808A	JCB160808
0.9		JCI 2012~2R2	JCB201209A	JCB201209
1.1		JCI 3216~120	JCB321611A	JCB321611
1.2		JCI 2012-2R7~		
1.3			JCB322513A	JCB322513
1.5			JCB453215A	JCB453215
1.6		JCI 3216 - 120~	JCB451616A	JCB451616

■ Common Mode Choke

- Suitable for applications with high frequency signal over 1GHz.
- Suitable for applications with common-mode signal.

Thickness (mm)	Open Magnetic Circuit	Closed Magnetic Circuit	
	SMD	SMD	Pin
1.1	JPWC 0603S		
1.2	JPWC 0805S		
1.9	JPWC 1206S		
3.8		JSCM0706H	JTI
4.8		JSCM0907H	
6.4		JSCH1211H	
>6.4			JTI JUJ



Selection Guide

■ Power Coil

- Application for power IC, graphic cards, power supply, the requirement of higher current.
- Various kind of specification for selection and could be customized.

Thickness (mm)	SMD			Dip
	Shielded		Unshielded	Unshielded
	High Current	Normal		
1.0		JNR2410/JNR3010/ JNR4010/JNR5010/ JNR6010		
1.2		JNR2012/JNR3012/ JNR4012/JNR5012/ JNR6012		
1.6			JTP0315	
1.8	JRPI0402M	JPRD0315		
2.0		JNR5020/JNR6020	JQH322520	
2.3			JTP0302	
2.6			JQH453226	
2.8		JNR6028		
3	JRPI0503M/ JRPI0603M	JPRD0403/JPRD0503 JPRH0703	JSPK0802	
3.2			JTP0403	
3.5		JSB0703/JSB1003	JTP0703	
4	JRPI1004M	JNR5040/JNR8045 JPRD1004	JTP1004	
4.5		JNR6045 JPRH0704	JTP0504	
5	JRPI1205M	JSB0705	JTP0705	
5.5		JSB1206	JSPK0804 JTP1004	
6		JPRH1205		
6.5		JSB1207		
7.5			JSPK1306	JPk 0406
8		JPRH1207		JPk 0507
10		JPRH1209		JPk 0608
11.5			JSPK0810	JPk 0810
>12				JTI/JPk0912~

