



SMT TYPE INDUCTOR - CROSS REFERENCE BY MANUFACTURERS

3L Part No.	3L Product Appearance	3L Product Dimensions	API	ABC	BOURNS	CHILISIN/YAGEO	COILCRAFT	CYNTEC	DELTA	FASTRON	FENGHUA	GANG SONG	MAG.LAYERS
BRI2D12		3*3*1.2											
BRI2D15		3*3*1.5											
BRI2D18		3*3*1.8											
BRI3D12		3.8*3.8*1.2											
BRI3D15		3.8*3.8*1.5											
BRI3D18		3.8*3.8*1.8											
BRI4D12		4.6*4.6*1.2											
BRI4D15		4.6*4.6*1.5											
BDR2D10		3*3*1.0										*GSD2810HF	
BDR2D12		3*3*1.2										@GSD2812F	
BDR2D15		3*3*1.5											
BDR3D12		3.8*3.8*1.2											
BDR3D15		3.8*3.8*1.5											
BDR3D18		3.8*3.8*1.8											
BDR4D12		4.6*4.6*1.2											
BDR4D15		4.6*4.6*1.5											
BDE2D12		3*3*1.2											
BDE2D15		3*3*1.5											
BDE3D12		3.8*3.8*1.2											
BDE3D15		3.8*3.8*1.5											
BDE3D18		3.8*3.8*1.8											
BDE4D12		4.6*4.6*1.2											
BDE4D15		4.6*4.6*1.5											
SMD2520V(P)			2.5*2.0*1.8										
SMD3225V(P)	3.2*2.5*2.2		*3225R	ACC3225-2	CM322522							GSNL322522	
SMD4532V	4.5*3.2*3.2				CM453232							GSNL453232	
SMD4532VP	4.5*3.2*3.2		*P1812R	ACC4532-2									
SMD5650V	5.6*5.0*5.0											GS565050	
SMTSDR321618C		3.2*1.6*1.8		SQ3216-3									MSCH-3216C
SMTSDR322520		3.2*2.5*2.0				ME3220							
SMTSDR322520C		3.2*2.5*2.0		SQ3225-L									MSCH-3225C
SMTSDR322520S		3.5*3.6*2.1											
SMTSDR453226		4.5*3.2*2.6											
SMTSDR453226C		4.5*3.2*2.6		SQ4532-L									MSCH-4532C
SMTSDR575047C		5.7*5.0*4.7		SQ5650-L									MSCH-5750C



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SMTSC0403		3.68*3.05*3.18	4426-1~5				A01T~A05T					*GSAM3730	
SMTSC0504		4.95*3.81*4.20										*GSAM1812	
SMTSC0703		6.86*3.05*3.18						B06T~B10T				*GSAM7030	
SMTSC1006		10.55*6.35*5.97	5526					132-09SM~20SM					
SMTDR32		3.5*3.0*2.0		*SR0302-L		*SCD03021			*SI43	@PIO32	GS32	*MSCD-32	
SMTDR43		4.5*4.0*3.2	PD43R	*SR0403-L	*SDE0403A	*SCD0403	*SD43		SI54	@PIO43	*GS43	*MSCD-43	
SMTDR52		5.8*5.2*2.5		*SR0602-L		*SCD0502				*PIO52	GS52	MSCD-52	
SMTDR53		5.8*5.2*3.0		*SR0603-L		*SCD0503				@PIO53	*GS53	*MSCD-53	
SMTDR54		5.8*5.2*4.5	PD54R	*SR0604-L	*SDE0604A	SCD0504	*SD54		SI65	*PIO54	GS54	*MSCD-54	
SMTDR73		7.8*7.0*3.5	PD73R			SCD0703			SI84	@PIO73	GS73	*MSCD-73	
SMTDR75		7.8*7.0*5.0	PD75R	*SR0805-L	*SDE0805A	SCD0705			SI85	*PIO75	GS75	*MSCD-75	
SMTDR104		10.0*9.0*4.0	PD104R			SCD1004			SI104	*PIO104	GS104		
SMTDR105		10.0*9.0*5.4	PD105R	*SR1006-L		SCD1005			SI106	@PIO105	GS105	*MSCD-105	
SMTDR137		13.0*13.0*7.0				*SCD1307							
SMTDRRI63B		6.2*5.6*3.2										GSR63B	
SMTDRRI74B		7.8*7.0*4.5										GSR74B	
SMTDRRI105B		10.0*9.0*5.0										GSR105B	
SMTDRRI125B		12.6*11.6*5.4											
SMTDRRI4D18		4.7*4.7*2.0		*SU4018-L		BPSC00050520			SIL520	PS4D18	GSRH4D18	MSCDRI-4D18	
SMTDRRI4D28		4.7*4.7*3.0	*SPD42R			BPSC00050530			SIL530	*PS4D28	GSRH4D28	MSCDRI-4D28	
SMTDRRI5D18		5.7*5.7*2.0		*SU5018-L		BPSC00060620	@MSS5121		SIL620	PS5D18	GSRH5D18	MSCDRI-5D18	
SMTDRRI5D28		5.7*5.7*3.0		*SU5028-L		BPSC00060630	@MSS5131		SIL630	@PS5D28	GSRH5D28	MSCDRI-5D28	
SMTDRRI6D28		6.7*6.7*3.0				BPSC00070730	*MSS6132		SIL730	*PS6D28	GSRH6D28	MSCDRI-6D28	
SMTDRRI6D38		6.7*6.7*4.0				BPSC00070740			SIL740	PS6D38	GSRH6D38	MSCDRI-6D38	
SMTDRRI62B		6.6*6.2*3.0	*SPD62R	*SH6028-L	SRR0603	BPSA_060630						GSRH62BS	MSCDRI-63
SMTDRRI64B		6.6*6.2*5.0			SRR0604							GSRH64BS	MSCDRI-64
SMTDRRI73		7.3*7.3*3.4	*SPD73R	*CS0703-L		BPSC00070734			SIQ73	@MS73	GSRH73	MSCDRI-73	
SMTDRRI74		7.3*7.3*4.5	*SPD74R	*CS0704-L		BPSC00070745			SIQ74	@MS74	GSRH74	MSCDRI-74	
SMTDRRI124		12.0*12.0*4.5		*CS1205-L		BPSC00131345	*MSS1246		SIQ124R	@MS124	GSRH124	MSCDRI-124	
SMTDRRI125		12.0*12.0*6.0	*SPD125R	*CS1260-L		BPSC00131360	*MSS1260		SIQ125R	@MS125	GSRH125	MSCDRI-125	
SMTDRRI127		12.0*12.0*8.0	*SPD127R	*CS1280-L		BPSC00131380	*MSS1278		SIQ127R	@MS127	GSRH127	MSCDRI-127	
SMTDRH0520		5.2*5.2*2.0											
SMTDRH0530	5.2*5.2*3.0												
SMTDRH0630	6.3*6.2*3.0										GSD63LCBN	MSCDRI-6030LC	
SMTDRH0635	6.3*6.2*3.5										GSD63CBN	MSCDRI-6035LC	



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SMTDRH5D28R		6.2*6.3*3.0												
SMTDRH103R		10.3*10.4*3.0				BPSC00101131						*GSRH103R	MSCDRI-103R	
SMTDRH104R		10.3*10.4*4.0			*CU1038-L		BPSC00101140	*MSS1038					*GSRH104R	MSCDRI-104R
SMTDRH105R		10.3*10.4*5.0			*CU1048-L	SRR1050A	BPSC00101151	*MSS1048T					*GSRH105R	MSCDRI-105R
SMTDRS0628		6.2*6.2*3.0			@SS6028-L		BPSF_060628						GSSLF6028	MSCDRI-63F
SMTDRS0728		7.2*7.2*3.0					BPSF_070728							MSCDRI-7028F
SMTDRS0730		7.2*7.2*3.2				SRR7032	BPSF_070730							
SMTDRS0732		7.2*7.2*3.4		*S3483R	*SS7032-L		BPSF_070732						*GSD73C	MSCDRI-73F
SMTDRS0745		7.2*7.2*4.8			*SS0745-S	SRR7045	BPSF_070745	*MSS7348					*GSD75C	MSCDRI-75F
SMTDRS1045		10.4*10.4*4.8					BPSF_101045						*GSSLF10145	MSCDRI-105F
SMTDRS1255		12.8*12.8*5.85					BPSF_131355						GSSLF12555	MSCDRI-125F
SMTDRS1265		12.8*12.8*6.85					BPSF_131365						GSSLF12565	MSCDRI-126F
SMTDRS1275		12.8*12.8*7.85					BPSF_131375						GSSLF12575	MSCDRI-127F
SMTDRRI0402			6.6*4.45*2.92	SDS680R	SS1608-L	*SRR6603	BPSY00070429	DS1608C						
SMTDRRI0804			12.92*9.4*5.08		*SS1005-L	*SRR1005	BPSY00130951	DS3316P					GS3316DC	MSCDRB-0905
SMTDRRI1206			18.54*15.24*7.62		*SS1806-L	*SRR1806	BPSY00191576	DS5022P					GS5022DC	MSCDRB-1507
SMTDR0504HC		9.0*6.1*5.0					DO1813H						*MSCDB-0905H	
SMTDR0904HC		13.2*9.9*6.0					DO3316H/T					*GS3316DHP	*MSCDB-1305H	
SMTDR1105HC		19.4*13.3*6.8						DO5022P					*MSCDB-1807H	
SMTDR1306HC		22.5*15.3*8.0			@SB2207-L	*SDR2207		DO5022H				*GS5022DHP	*MSCDB-2206H	
SMTBW104		10.4*10.4*4.5			*SP1045									
SMTBW105		10.4*10.4*5.6			*SP1055			*SER1052						
SMTBW125		12.9*12.9*5.7			*SP1205			*SER1360						
SMTBW134		13.9*13.9*5.0			*SP1305									
SNR2010F		2.1*1.7*1.05			*SRN2010	*LVS201610						GSLQ201610		
SNR2510F		2.5*2.0*1.05			*SRN2510	*LVS252010						GSLQ252010		
SNR2512F		2.5*2.0*1.25			*SRN2512	*LVS252012						GSLQ252012		
SNR3015		3.0*3.0*1.50		TPI3015	*SRN3015	*LVS303015				*1212FPS		GSLQ303015	*MNR-3015	
SNR4018		4.0*4.0*1.85		TPI4018	*SRN4018	*LVS404018				*1616FPS		GSLQ404018	*MNR-4018	
SNR5040		5.0*5.0*4.1		TPI5040	*SRN5040	*LVS505040						GSDIQ5040		
SNR6045		6.0*6.0*4.5		TPI6045	*SRN6045	*LVS606045					*242418FPS		GSDIA6045	*MNR-6045
SNR8040		8.0*8.0*4.2			*SRN8040	*LVS808040							GSDIA8040	*MNR-8040



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SMDCHGR0402		1.19*0.70*0.66		*SW10402CS	CW100505	*CS0402	*0402CS		*0402HS	*0402AS	*FHW0402	GS0402CS	MWCS100505
SMDCHGR0603		1.80*1.12*1.02		*SWI0603CS	CW160808	*CS0603	*0603CS		*0603CS	*0603AS	*FHW0603	*GS0603CG	MWCS161008
SMDCHGR0805		2.30*1.73*1.52		*SWI805CS	CW201212	*CS0805	*0805CS		*0805CS	0805AS	*FHW0805	*GS0805CG	MWCS201212
SMDCHGR1008		2.92*2.79*2.10		*SWI1008CT	CW252016	*CS1008	*1008CS		*1008CS	1008AS	*FHW1008	*GS1008CG	MWCS252018
SMDCHGR1210		3.56*2.92*2.25		*SW3225-L						*1206AS	*FHW1210		
SMDWCM2012		2.0*1.2*1.2		PCW0805ST	*SRF2012	CUM21	0805USB		*HCMC0805		*CMC0805S	GSPWC0805ST	* MWCU-201212
SMDWCM3216		3.2*1.6*1.9		PCW1206ST	*SRF3016	CUM31	1206USB		*HCMC1206		*CMC1206S	GSPWC1206ST	MWCU-321619
SMDWCM3225		3.2*2.5*2.1		SF3225	*SRF3225	AWC32	1210CAN	VFB3225					
SMDWCM4532		4.5*3.2*2.8		SF4532	SRF4532	AWC45	1812CAN	VFB4532				GSPWC4532ST	MWCU-453226
SMB-100505-E1-A		1.0*0.5*0.5		*MU1005	*MU1005	SBY100505T					*CBG100505	*GSMB100505	*MLB-100505-XXXXA-N2
SMB-160808-E2-A		1.6*0.8*0.8		*SM1608	*MG,MU,MZ1608	SBK160808T					*CBG160808	*GSMB160808	*MLB-160808-XXXXA-N2
SMB-201209-E2-A		2.0*1.2*0.9		*SM2029	*MG,MU,MZ2029	SBK201209T					*CBG201209	*GSMB201209	*MLB-201209-XXXXA-N2
SMB-160808-E2-P		1.6*0.8*0.8		*MB1608	*MH1608	PBY160808T					*CBW160808	*GSMA160808	*MLB-160808-XXXXP-N2
SMB-201209-E2-P		2.0*1.2*0.9		*MB2029	*MH2029	PBY201209T					*CBW201209	*GSMA201209	*MLB-201209-XXXXP-N2
SMTEE4.4		4.8*3.65*3.55					CST4835-XXX						
SMTEE4.6		5.2*7.2*3.0					CST7030-XXX						
SMTEE5.0		8.38*8.0*5.5					CST1-XXX						
SMTEE8.3		11.0*13.0*7.8											
SMTLF3922		9.5*6.0*5.0		MSF9050								GS0950A	MCM-0905

Note :

1. The Part No. with * refers to the certain difference exist on the electric characteristics of the parts,
2. The Part No. with @ refers to 3L's specification is better, 3L's part can replace this type.
3. The Part No without marking refers to the specification is the same, 3L's part can replace this type.
4. All dimensions are defined as L x W x H and the unit for all dimensions is "mm"

5. The magnetic structure: / Unshielded /Shielded

Fully-automatic production

Semi-automatic production



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3L Part No.	3L Product Appearance	3L Product Dimensions	MITSUMI	MURATA	NEC TOKIN	PULSE	SUMIDA	SUNLORD	TAI-TECH	TAIYO YUDEN	TDK	TOKO	VISHAY	WURTH
BRI2D12		3*3*1.2	C3-Z1.2R				*CDRH2D11				*VLF3012A			
BRI2D15		3*3*1.5	C3-Z1.5R				*CDRH2D14					*DB3015C		
BRI2D18		3*3*1.8	C3-Z1.8R				*CDRH2D16					*DB3018C		
BRI3D12		3.8*3.8*1.2	C3-Y1.2R				*CDRH3D11					*VLF4012AT		
BRI3D15		3.8*3.8*1.5	C3-Y1.5R				*CDRH3D14					*VLF4014A		
BRI3D18		3.8*3.8*1.8	C3-Y1.8R				*CDRH3D16						*DB318C	
BRI4D12		4.6*4.6*1.2	C4-Y1.2R				*CDRH4D11						*D412C	
BRI4D15		4.6*4.6*1.5	C4-Y1.5R				*CDRH4D14						*VLF5014ST	
BDR2D10		3*3*1.0												
BDR2D12		3*3*1.2					*CDH30D11D							
BDR2D15		3*3*1.5												
BDR3D12		3.8*3.8*1.2					*CDH38D11LD							
BDR3D15		3.8*3.8*1.5												
BDR3D18		3.8*3.8*1.8											*D31FU	
BDR4D12		4.6*4.6*1.2					*CDH43D11D/HP							
BDR4D15		4.6*4.6*1.5												
BDE2D12		3*3*1.2	C3-P1.2R											
BDE2D15		3*3*1.5	C3-P1.5R											
BDE3D12		3.8*3.8*1.2												
BDE3D15		3.8*3.8*1.5	C4-P1.5R											
BDE3D18		3.8*3.8*1.8	c4-P1.8R											
BDE4D12		4.6*4.6*1.2												
BDE4D15		4.6*4.6*1.5												
SMD2520V(P)		2.5*2.0*1.8									NLCV25T			
SMD3225V(P)		3.2*2.5*2.2									NLCV32T		IMC-1210	
SMD4532V		4.5*3.2*3.2									NL453232		IMC-1812	
SMD4532VP		4.5*3.2*3.2									NLC453232T			
SMD5650V		5.6*5.0*5.0									NLC565050T		IMC-2220	
SMTSDR321618C		3.2*1.6*1.8		LQH31CN_03										
SMTSDR322520		3.2*2.5*2.0		LQH32CN_33										*744032XXX
SMTSDR322520C		3.2*2.5*2.0		LQH32CN_23										*744032XXX
SMTSDR322520S		3.5*3.6*2.1												
SMTSDR453226		4.5*3.2*2.6			QH43CN_33									*744045XXX
SMTSDR453226C		4.5*3.2*2.6			LQH43CN_03									*744045XXX
SMTSDR575047C		5.7*5.0*4.7			LQH55DN_03									






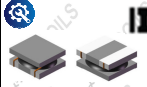



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3L Part No.	3L Product Appearance	3L Product Dimensions	MITSUMI	MURATA	NEC TOKIN	PULSE	SUMIDA	SUNLORD	TAI-TECH	TAIYO YUDEN	TDK	TOKO	VISHAY	WURTH	
SMTSC0403		3.68*3.05*3.18													
SMTSC0504		4.95*3.81*4.20													
SMTSC0703		6.86*3.05*3.18													
SMTSC1006		10.55*6.35*5.97													
SMTDR32		3.5*3.0*2.0							*FPI0302						
SMTDR43		4.5*4.0*3.2				*PF0580	CD43		*FPI0403				*IDCP-1813	*744773XXX	
SMTDR52		5.8*5.2*2.5													
SMTDR53		5.8*5.2*3.0								*FPI0503					
SMTDR54		5.8*5.2*4.5						CD54		*FPI0504			IDCP-2218	*744774XX	
SMTDR73		7.8*7.0*3.5						CD73		*FPI0503			IDCP-3114		
SMTDR75		7.8*7.0*5.0						CD75		*FPI0705			IDCP-3020	*744775XXX	
SMTDR104		10.0*9.0*4.0				*PF0581	CD104						IDCP-3916		
SMTDR105		10.0*9.0*5.4				PG0015	CD105						IDCP-3722	@744776XXX	
SMTDR137		13.0*13.0*7.0													
SMTDRRI63B			6.2*5.6*3.2					CDR63B							
SMTDRRI74B	7.8*7.0*4.5						CDR74B							*744787XXX	
SMTDRRI105B	10.0*9.0*5.0						CDR105B								
SMTDRRI125B	12.6*11.6*5.4						CDR125								
SMTDRRI4D18		4.7*4.7*2.0	*C4-K1.8RA			*PG0085	CDRH4D18	SWRH4D18S						*74408941XXX	
SMTDRRI4D28		4.7*4.7*3.0	*C4-K3R				CDRH4D28	SWRH4D28S						*74408942XXX	
SMTDRRI5D18		5.7*5.7*2.0	*C5-K1.8R			PG0087	CDRH5D18	SWRH5D18S							
SMTDRRI5D28		5.7*5.7*3.0	*C5-K3R				CDRH5D28	SWRH5D28S							
SMTDRRI6D28		6.7*6.7*3.0	*C6-K3L			PF0464	CDRH6D28	SWRH6D28S							
SMTDRRI6D38		6.7*6.7*4.0				PF0465	CDRH6D38	SWRH6D38S							
SMTDRRI62B		6.2*5.9*3.0				*PF0601	CDRH62B	@SWRH0602B						*7447785XXX	
SMTDRRI64B		6.2*5.9*5.0					CDRH64B	@SWRH0604B						*7447786XXX	
SMTDRRI73		7.3*7.3*3.4				*P1166	CDRH73	@SWRH0703B			B82472G4			744778XXX	
SMTDRRI74		7.3*7.3*4.5			*H.DI-0740	*P1167	CDRH74	@SWRH0704B			B82472G6			744777XXX	
SMTDRRI124		12.0*12.0*4.5	*C12-H3R		*H.DI-1245G	*P1168	CDRH124	@SWRH1204B							*7447715XXX
SMTDRRI125		12.0*12.0*6.0	*C12-H5R			*P1170	CDRH125	@SWRH1205B			B82477G2				*744771XXX
SMTDRRI127		12.0*12.0*8.0	*C12-H7R		*H.DI-1280G	*P1172	CDRH127	@SWRH1207B			B82477G4				@744770XXX
SMTDRH0520		5.2*5.2*2.0			*H.DI-0520							A914BYW			
SMTDRH0530		5.2*5.2*3.0										A915AY			
SMTDRH0630		6.3*6.2*3.0			*H.DI-0630							A921CY			
SMTDRH0635		6.3*6.2*3.5													



SMT TYPE INDUCTOR - CROSS REFERENCE BY MANUFACTURERS

3L Part No.	3L Product Appearance	3L Product Dimensions	MITSUMI	MURATA	NEC TOKIN	PULSE	SUMIDA	SUNLORD	TAI-TECH	TAIYO YUDEN	TDK	TOKO	VISHAY	WURTH
SMTDRH5D28R		6.2*6.3*3.0			*H.DI-0630									
SMTDRH103R		10.3*10.4*3.0					CDRH103R	@SWRH1003C	SDSL10D30F					*7447713XXX
SMTDRH104R		10.3*10.4*4.0			H.DI-1040		CDRH104R	@SWRH1004C	SDSL10D40F		*VLF10040			
SMTDRH105R		10.3*10.4*5.0					CDRH105R	*SWRH1005C	SDSL10D50F		*VLF10050			*7447714XXX
SMTDRS0628		6.2*6.2*3.0							*TPH0603		SLF6028			
SMTDRS0728		7.2*7.2*3.0									SLF7028			
SMTDRS0730		7.2*7.2*3.2							*TPH0703		SLF7030			
SMTDRS0732		7.2*7.2*3.4									SLF7032			
SMTDRS0745		7.2*7.2*4.8							*TPH0705		SLF7045			
SMTDRS1045		10.4*10.4*4.8							*TPH1004		SLF10145			
SMTDRS1255		12.8*12.8*5.85									SLF12555			
SMTDRS1265		12.8*12.8*6.85									SLF12565			
SMTDRS1275		12.8*12.8*7.85									SLF12575			
SMTDRRI0402			6.6*4.45*2.92							CHTPR1608				IDCS-2512
SMTDRRI0804	12.92*9.4*5.08								CHTPR3316				IDCS-5020	*74454XXX
SMTDRRI1206	18.54*15.24*7.62								CHTPR5022	@B82479G			IDCS-7328	74459XXX
SMTDR0504HC		9.0*6.1*5.0				*PA0390								
SMTDR0904HC		13.2*9.9*6.0				*PF0638			CHTPR3316					
SMTDR1105HC		19.4*13.3*6.8												
SMTDR1306HC		22.5*15.3*8.0					@P1252			CHTPB5022				@74457XXX
SMTBW104		10.4*10.4*4.5					CDEP104							
SMTBW105		10.4*10.4*5.6					CDEP105							
SMTBW125		12.9*12.9*5.7					CDEP125							
SMTBW134		13.9*13.9*5.0					CDEP134							
SNR2010F		2.0*1.6*1.02	*CXG-202010	*LQH2M				*SWPA201610S	HPC201610CF		*VLS201610E		*IFSC-0806AZ-01	
SNR2510F		2.5*2.0*1.02	*CXG-252010AX	*LQH2H-GR				*SWPA252010S			*VLS252010E			
SNR2512F		2.5*2.0*1.25	*CXG-252012AX	*LQH2H-JR				*SWPA252012S	HPC252012CF		*VLS252012E		*IFSC-1008AB-01	
SNR3015		3.0*3.0*1.50		LQH3NP-MR				*SWPA3015S	HPC3015TF	NRS3015	*VLS3015E			
SNR4018		4.0*4.0*2.0		*LQH44PN-P0				*SWPA4018S	HPC4018NF	NRS4018			*IFSC-1515AH-01	
SNR5040		5.0*5.0*4.2						*SWPA5040S	HPC5040NF	NRS5040	*VLS5045EX			
SNR6045		6.0*6.0*4.7	*CXG-606045NX	*LQH6PP_43				*SWPA6045S	HPC6045NC	NRS6045	*VLC6045	DG6045C		
SNR8040		8.0*8.0*4.2		*LQH88P_38				*SWPA8040S	HPC8040NC	NRS8040	*VLP8040	DG8040C		



SMT TYPE INDUCTOR - CROSS REFERENCE BY MANUFACTURERS

3L Part No.	3L Product Appearance	3L Product Dimensions	MITSUMI	MURATA	NEC TOKIN	PULSE	SUMIDA	SUNLORD	TAI-TECH	TAIYO YUDEN	TDK	TOKO	VISHAY	WURTH	
SMDCHGR0402		1.19*0.70*0.66		*LQW15A				*SDWL1005C							
SMDCHGR0603		1.80*1.12*1.02		*LQW18A				*SDWL1608C	*SWI0603V						
SMDCHGR0805		2.30*1.73*1.52		*LQW21HN				*SDWL2012C	*SWI0805UV						
SMDCHGR1008		2.92*2.79*2.10						*SDWL2520C	*SWI1008UV		NLH252018T				
SMDCHGR1210		3.56*2.92*2.25						*SDWL3225C							
SMDWCM2012		2.0*1.2*1.2		*DLW21				SDCW2012	WCM2012		ACM2012		ICM-0805	784231XXX	
SMDWCM3216		3.2*1.6*1.9		*DLW31				SDCW3216	WCM3216				ICM-1206		
SMDWCM3225		3.2*2.5*2.1		DLW32				AMCM3225B	WCM3225		ACT1210/ACP3225			784234XXX	
SMDWCM4532		4.5*3.2*2.8		DLW43				AMCW4532B	WCM4532		ALT4532/ACT45B				
SMB-100505-E1-A		1.0*0.5*0.5		*BLM15A					*FCM1005K	*BK1005	*MMZ1005S				
SMB-160808-E2-A		1.6*0.8*0.8		*BLM18A					*FCB1608K *FCM1608K	*BK1608	*MMZ1608S				
SMB-201209-E2-A		2.0*1.2*0.9		*BLM21A					*FCB2012K *FCM2012K	*BK2125	*MMZ2012S				
SMB-160808-E2-P		1.6*0.8*0.8		*BLM18P					*PZ160808	*HCB1608K	*FBM1608	*MPZ1608S			
SMB-201209-E2-P		2.0*1.2*0.9		*BLM21P					*PZ1201209	*HCB2012K	*FBM2125	*MPZ2012S			
SMTEE4.4		4.8*3.65*3.55					CEE432				B82801A1			7492520	
SMTEE4.6		5.2*7.2*3.0													
SMTEE5.0		8.38*8.0*5.5				PA1005	CEEH55				B82801B		LPE-3325	7492510	
SMTEE8.3		11.0*13.0*7.8													
SMTLF3922		9.5*6.0*5.0					CBM5D33B	ACSR0906			B82793			744242XXX	

Note :

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2. The Part No. with @ refers to 3L's specification is better, 3L's part can replace this type.
3. The Part No without marking refers to the specification is the same, 3L's part can replace this type.
4. All dimensions are defined as L x W x H and the unit for all dimensions is "mm"
5. The magnetic structure / Unshielded /Shielded



Fully-automatic production



Semi-automatic production



SMT TYPE INDUCTOR - CROSS REFERENCE BY MANUFACTURERS

3L Part No.	3L Product Appearance	3L Product Dimensions	TAI-TECH	Cyntec/DELTA	TDK	Cooper/ Eaton	SUMIDA	Sunlord	MAG.LAYERS / Chilisin /Pulse
HCI040404R32Q	IXL	4.0*4.0*4.0	SLPI0404240S			FP0404R1		WPZ04041S1	MSI-400404
HCI050506R29Q		5.2*5.0*6.1	SLPI050506S	HCUVE66		FP0505R1		WPZ05057S1	MSI-500506
HCI070705R25Q	@	7.0*6.8*5.0	SLPI070705ST		VLB7050HT	FP0705R1	CDB64D48	WPZ0707	MSI-700705
HCI090608R29Q		9.6*6.4*8.0	SLPI090608S	HCB106480N		FP0906R1	CDB62D78	WPZ09068S1	MSI-900608
HCI090609R17Q		9.6*6.4*9.0	SEPI090609LV					WPZ0906A	MSI-900609
HCI090612R175Q		9.6*6.4*12.0	SEPI090612LV	HCUVE966412					
HCI100612R125Q	@	12.0*10.0*6.0	SEPI106012LN	HCME-1012	VLBU10060120	FP1012V2			
HCI100705R32Q		10.2*7.0*5.0	SLPI100705ST		VLB10050HT			WPZ10075	MSI-100705
HCI100707R29Q		10.2*7.0*7.0	SLPI110775S	HCB1175			CDB76D74		
HCI100710R17Q		12.0*10.0*7.0	SEPI100710LN	HCFE107010	VLBU1007090	FP1010V6			MSI-100710V
HCI100807R29Q		10.7*8.0*7.0	SLPI100807S			FP1007R1	CDB78D68	WPZ10087	MSI-100807
HCI100808R18Q		10.8*8.0*8.0	SLPI100808S	HCB118080S	VLBS1007083T	FP1008R6	CDB78D78C	WPZ10088S1	MSI-100808
HCI100875R29Q		10.2*8.0*7.5	SLPI100875S	HCB1075N		CTX01-18738			
HCI110707R29Q	@	11.0*7.3*7.5				FP1107R1		WPZ11077S1	MSI-110708
HCI110810R23Q		10.7*7.5*9.4					CDB87D10		MSI-110810
HCI110812R15Q		10.7*7.6*12.2							MSI-110812
HCI120611R125Q		12.0*6.0*11.1	TVMP120611LV	HCME1211F					
HCI131308R29Q		13.46*8.0*12.95	SLPI1308S	HCB1380		FP1308		WPZ13138S1	MSI-130808
HCM100512R125Q	@	10.0*5.0*12.0	TLVR100512						
HCM120611R125Q		12.0*6.0*11.1		TLM1211F					
HCM120612R125Q		12.0*6.0*12.0		TLM126012	VLBUC12060120				






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4. All dimensions are defined as L x W x H and the unit for all dimensions is "mm"
5. The magnetic structure: / Unshielded Shielded

Fully-automatic production Semi-automatic production



SMT TYPE INDUCTOR - CROSS REFERENCE BY MANUFACTURERS

3L Part No.	3L Product Appearance	3L Product Dimensions	ABC	BOURNS	CHILISIN/YAGEO	GANG SONG	MAG.LAYERS	MURATA	TAI-TECH	TDK	Wurth	Laird	PROD	Sunttech	COILMX
SMTLFD764		7.0*6.0*4.5	QF7035	SRF7035	BPPM00070638	GSPWC7060ST	MCM-7060M		WCM7060	ACM7060		CM7060	PCAQ7060	SMW7060	MACM7060
SMTLFD975		9.0*7.0*5.0	QF9045	SRF9045	BPPM00090748	GSPWC9070ST	MCM-9070M		WCM9070	ACM9070		CM9070	PCAQ9070	SMW9070	MACM9070
SMTLFD121006		12.0*10.8*6.6	QF1260	SRF1206	BPPM00121164	GGSPWC1211ST	MCM-1211M		WCM1211	ACM1211	744237XXX	CM1211	PCAQ1211	SMW1211	MACM1211
SMTLFD151306		15.0*13.0*6.6			BPPM00151360		MCM-1513M		WCM1513	ACM1513		CM1513	PCAQ1513	SMW1513	MACM1513
SMTSDR5025S		9.6*6.4*9.0	SF0502		BPPI00050525			DLW5BTH							

Note :

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3. The Part No without marking refers to the specification is the same, 3L's part can replace this type.
4. All dimensions are defined as L x W x H and the unit for all dimensions is "mm"
5. The magnetic structure:  /Shielded

 Fully-automatic production
  Semi-automatic production