





# CROSS REFERENCE BY BRAND

## High current power inductors | Flat wire

Type Name	BEC Part Number	Dimensions L*W*H [mm]	Inductance Range [μH]	Rated Current [A]	Cross Reference For Brand	
					Brand Name	Part Number

PG TYPE						
	PG54	5.6 x 5.3 x 4.0	0.33~5.7	3.5~14.8	Würth Elektronik	744316xxx   WE-HCI5040
	PG73	7.0 x 6.9 x 3.0	0.13~2.0	5.3~32	Würth Elektronik	744310xxx   WE-HCI7030
	PG74	7.0 x 6.9 x 4.0	0.22~4.7	7.0~32	Würth Elektronik	744311xxx   WE-HCI7040
	PG75	7.0 x 6.9 x 5.0	0.24~10	4.0~28	Würth Elektronik	744314xxx   WE-HCI7050
	PG103	10.6 x 10.6 x 3.0	0.2~2.2	10.5~35	Würth Elektronik	744323xxx   WE-HCI1030
	PG104	10.2 x 10.2 x 4.0	0.3~5.6	7.5~35	Würth Elektronik	7443552xxx   WE-HCI1040
	PG105	10.5 x 10.2 x 4.7	0.16~16	6.5~58	Würth Elektronik	744325xxx   WE-HCI1050
	PG1085	10.5 x 10.2 x 8.5	0.68~4.7	3.9~77	--	--
	PG133	12.9 x 12.8 x 3.3	0.25~3.3	14~60	Würth Elektronik	744313xxx   WE-HCI1335
	PG135	13.0 x 12.8 x 4.7	0.19~10	21.5~65	Würth Elektronik	7443550xxx   WE-HCI1350
	PG136	13.0 x 12.8 x 6.2	0.20~33	5.5~60	Würth Elektronik	7443551xxx   WE-HCI1365
	PG189A	18.3 x 18.2 x 8.9	5.6~47	7.0~28.5	Würth Elektronik	7443557xxx   WE-HIC1890
SMT   Shielding	PG189B	18.3 x 18.2 x 8.9	0.82~10	21.5~65	Würth Elektronik	7443556xxx   WE-HIC1890
	PG2212	22.5 x 22.0 x 12.0	3.3~82	8.5~45	Würth Elektronik	7443558xxx   WE-HCI2212


PH TYPE						
	PH20	21.8 x 21.5 x 14.5	0.70~33.0	11.7~77.5	Würth Elektronik	744363xxxx   WE-HCF2013
	PHW26A	27.9 x 27.9 x 18.5	3.3~33.0	11.5~100	Würth Elektronik	744363xxxx   WE-HCF2818
	PHW26B	27.9 x 27.9 x 15.4	1.5~33.0	6.0~125	Würth Elektronik	744364xxxx   WE-HCF2815
	PH26A	27.9 x 27.9 x 18.0	3.3~33.0	9.4~95	Coilcraft	SER2918H series
	PH26B	27.9 x 27.9 x 15.8	2.2~33.0	5.9~100	Coilcraft	SER2915H series
	PH26C	27.9 x 27.9 x 15.8	1.5~33.0	3.3~100	Coilcraft	SER2915L series
	PH32A	32.0 x 30.7 x 20.5	2.2~10.0	51~100	Standex-MEDER	PQ3218 series
	PH32B	32.0 x 30.7 x 20.5	2.2~10.0	51~100	Standex-MEDER	PQ3218 series
SMT   Shielding	PH4040	45.0 x 42.0 x 35.0	30~300	50~250	--	--


PR TYPE						
 	PR8050	8.8 x 8.5 x 5.0	0.20~2.0	9.8~53.5	Coilcraft	SER8050 series
	PR8052	8.8 x 8.5 x 5.2	1.2~10.0	3.1~19.2	Coilcraft	SER8052 series
	PR105	11.2 x 10.5 x 5.2	0.80~5.7	6.0~25.6	Coilcraft	SER1052 series
	PR106H	11.2 x 10.5 x 6.8	5.6~22.0	5.2~10.5	--	--
	PR136	13.5 x 13.5 x 5.6	1.0~10.0	7.5~33.5	Coilcraft	SER1360 series
	PR139	13.5 x 13.5 x 9.0	10.0~47.0	3.2~13.2	Coilcraft	SER1390 series
	PR148	15.0 x 15.0 x 8.0	0.5~12.0	9.2~43.0	Sumida	CDEP147 series
	PR1412	14.5 x 14.5 x 12.0	10.0~47.0	7.4~13.5	Sumida	CDEP1411 series
	PR2009	19.2 x 18.7 x 8.64	0.3~2.0	26~100	Coilcraft	SER2009 series
	PR2010	19.2 x 18.7 x 9.4	0.3~2.0	35~100	Coilcraft	SER2010 series
	PR2011	19.2 x 18.7 x 10.67	0.5~2.0	47~100	Coilcraft	SER2011 series
	PR2012	19.2 x 18.7 x 11.94	0.6~2.0	45~100	Coilcraft	SER2012 series
	PR2013	19.2 x 18.7 x 12.95	0.68~4.7	28~100	Coilcraft	SER2013 series
	SMT   Shielding	PR2014	19.2 x 18.7 x 13.97	0.80~4.0	34~100	Coilcraft
PR26L		41.5 x 25.7 x 10.5	1.5~4.7	39~100	--	--


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PF TYPE						
	PF1045	10.2 x 10.2 x 4.5	0.22~8.2	5.2~38.3	Würth Elektronik	7447797xxx   WE-PDF1045
	PF1064	10.2 x 10.2 x 6.4	0.22~27	2.6~33	Würth Elektronik	7447798xxx   WE-PDF1064
SMT   Shielding						

PV TYPE						
	PV2923	27.4 x 17.0 x 22.7	3.3~33.0	9.4~95.0	Coilcraft	VER2923 series
	PV2923B	27.4 x 17.0 x 23.7	3.3~33.0	9.4~95.0	Coilcraft	AGP2923 series
THT   Shielding						

PCC TYPE						
	PCC87	8.4 x 7.9 x 7.2	0.3~10.0	5.7~33.5	Würth Elektronik	744334xxxx   WE-HCC8070
	PCC109	10.9 x 10.0 x 9.3	0.22~10.0	6.5~52.0	Würth Elektronik	744333xxxx   WE-HCC1090
	PCC1210	12.2 x 11.4 x 9.5	0.22~10.0	8.0~60.0	Würth Elektronik	744332xxxx   WE-HCC1210
SMT   Shielding						


PU TYPE						
	PU 0504T	5.0 x 4.0 x 4.0	0.023~0.065	30	Pulse Electronics	PA2938.XXXHL Series
	PU 1010N	10.0 x 7.0 x 10.0	0.10~0.33	70	TDK	VLBU1007090 type
SMT   Shielding						


PER TYPE						
	PER 15	14.5 x 13.8 x 10.5	2.2~3.6	14.8~18.2	--	--
SMT   Shielding						

# CROSS REFERENCE BY BRAND

## Power inductors for Class-D Amplifier | Flat wire


Type Name	BEC Part Number	Dimensions L*W*H [mm]	Inductance Range [μH]	Rated Current [A]	Cross Reference For Brand	
					Brand Name	Part Number


<b>PDS TYPE</b>  	PDS09	9.0 x 10 x 10.0	8.2~33.0	1.8~5.2	Sagami	7G09B/H series
	PDS10	10.5 x 12.8 x 10.5	10.0~22.0	4.8~8.0	Sagami	DBE1010HB series
SMT   Shielding						

<b>PD TYPE</b>  	PD14A	9.6 x 14 x 16	10~33.0	6.2~11.0	Sagami	7G14A series
	PD14B	14.5 x 16 x 16	10~33.0	5.5~12.1	Sagami	7W14A series
	PD17A	16 x 18 x 19.5	10~33.0	8.2~27.8	Sagami	7G17D series
	PD17B	16 x 18 x 19.5	10~33.0	8.2~27.8	Sagami	7G17C series
	PD23	20.5 x 23.5 x 24	10~33.0	8.2~27.8	Sagami	7G23A series
	PD31	19.5 x 31.5 x 34	10~33.0	27.8~57	Sagami	7G31A series
THT   Shielding						

## Molding type power inductors


Type Name	BEC Part Number	Dimensions L*W*H [mm]	Inductance Range [μH]	Rated Current [A]	Cross Reference For Brand	
					Brand Name	Part Number

<b>PMF TYPE</b>  	PMF0402	4.6 x 4.3 x 2.0	0.1~22.0	6.0~35.0	Vishay	IHLP-1616BZ-01	
	PMF0502	5.6 x 5.3 x 2.0	0.10~10.0	4.0~45.0	Vishay	IHLP-2020BZ-01	
	PMF0503	5.6 x 5.3 x 3.0	0.10~15.0	2.5~27.0	Vishay	IHLP-2020CZ-01	
	PMF0602	7.6 x 6.6 x 1.8	0.10~4.7	8.0~40.0	Vishay	IHLP-2525AH-01	
	PMF0602B	7.6 x 6.6 x 2.4	0.10~10.0	2.5~30.0	Vishay	IHLP-2525BD-01	
	PMF0603	7.6 x 6.6 x 3.0	0.10~10.0	7.0~60.0	Vishay	IHLP-2525CZ-01	
	PMF0605	7.6 x 6.6 x 5.0	0.56~10.0	4.5~20.0	Vishay	IHLP-2525EZ-01	
	PMF1004	11.2 x 10.2 x 4.0	0.19~10.0	12.0~90.0	Vishay	IHLP-4040DZ-01	
	SMT   Shielding	PMF1205	13.5 x 12.8 x 5.0	0.10~10.0	16.0~118.0	Vishay	IHLP-5050EZ-01
		PMF1707	17.5 x 17.2 x 7.0	0.22~22.0	23.0~129.0	Vishay	IHLP-6767GZ-01


<b>PMS TYPE</b>  	PMS0503	5.6 x 5.3 x 3.0	0.47~10.0	2.5~10.0	Vishay	IHLP-2020CZ-11
	PMS0603	7.2 x 6.6 x 3.0	0.47~10.0	5.5~20.0	Vishay	IHLP-2525CZ-11
	SMT   Shielding	PMS1004	11.2 x 10.2 x 4.0	0.47~10.0	8.6~46.0	Vishay

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## Non-magnetic power inductors | Flat wire

Type Name	BEC Part Number	Dimensions L*W*H [mm]	Inductance Range [μH]	Rated Current [A]	Cross Reference For Brand	
					Brand Name	Part Number
<b>AC TYPE</b>  	AC1010	10 x 10 x 3.6~6.1	23.5~146	19.3~26.0	Coilcraft	1010VS series
	AC1212	10 x 10 x 6.6~11.3	22~117	44~57	Coilcraft	1212VS series
	<b>SMT   Unshielding</b>	AC2014	19.6 x 13.6 x 6.0~11.4	33~257	34.5~43	Coilcraft

## RF Magnetics | Air core inductors

Type Name	BEC Part Number	Dimensions L*W*H [mm]	Inductance Range [μH]	Rated Current [A]	Cross Reference For Brand	
					Brand Name	Part Number
<b>RACE TYPE</b>  	RACE328	1.35 x 1.83 x 1.40	0.0055~0.0194	2.9	Coilcraft	0806SQ
	RACE330	1.30 x 1.83 x 1.52	0.0069~0.022	2.7	Coilcraft	0807SQ
	RACE332	1.47 x 2.14 x 1.83	0.0081~0.0273	4.4	Coilcraft	0908SQ
	RACE540	2.67 x 2.67 x 2.79	0.027~0.047	4.4~5.5	Coilcraft	1111SQ
	RACE550	4.06 x 3.56 x 3.73	0.047~0.082	4.9~5.6	Coilcraft	1515SQ
	RACE570	5.21 x 5.46 x 5.69	0.090~0.30	3.7~5.7	Coilcraft	2222SQ
	<b>SMT   Shielding</b>	RACE580	10.29 x 7.49 x 7.24	0.33~0.50	4.3~4.7	Coilcraft

## Semi-shielded Power Inductors

Type Name	BEC Part Number	Dimensions L*W*H [mm]	Inductance Range [μH]	Rated Current [A]	Cross Reference For Brand	
					Brand Name	Part Number
<b>TSNR TYPE</b>  	TSNR 3010	3.0 x 3.0 x 1.0	1.0~56	0.28~2.1	Taiyo Yuden	NR 3010T series
	TSNR 3012	3.0 x 3.0 x 1.2	1.0~100	0.23~2.7	Taiyo Yuden	NR 3012T series
	TSNR 3015	3.0 x 3.0 x 1.5	1.0~150	0.22~3.1	Taiyo Yuden	NR 3015T series
	TSNR 4010	4.0 x 4.0 x 1.0	1.0~22	0.45~2.0	Taiyo Yuden	NR 4010T series
	TSNR 4012	4.0 x 4.0 x 1.2	1.0~100	0.25~2.61	Taiyo Yuden	NR 4012T series
	TSNR 4018	4.0 x 4.0 x 1.8	1.0~220	0.27~4.0	Taiyo Yuden	NR 4018T series
	TSNR 4030	4.0 x 4.0 x 3.0	1.0~680	0.19~5.8	--	--
	TSNR 5012	4.9 x 4.9 x 1.2	1.0~22	0.88~4.4	Taiyo Yuden	NRS 5012T series
	TSNR 5020	4.9 x 4.9 x 2.0	1.0~200	0.30~4.5	Taiyo Yuden	NRS 5020T series
	TSNR 5040	4.9 x 4.9 x 4.0	1.0~1000	0.20~7.35	Taiyo Yuden	NRS 5040T series
	TSNR 6020	6.0 x 6.0 x 2.0	0.68~47	0.70~6.55	Taiyo Yuden	NR 6020T series
	TSNR 6028	6.0 x 6.0 x 2.8	0.8~1000	0.18~6.5	Taiyo Yuden	NR 6028T series
	TSNR 6040	6.0 x 6.0 x 4.0	1.0~470	0.42~7.85	--	--
	<b>SMT</b> <b>Semi-shielding</b>	TSNR 6045	6.0 x 6.0 x 4.5	1.0~82	1.05~9.85	Taiyo Yuden
	TSNR 8040	8.0 x 8.0 x 4.0	1.0~220	0.85~10	Taiyo Yuden	NR 8040T series