

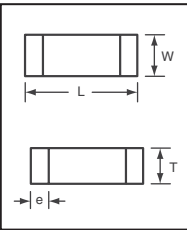
TAIYO YUDEN

Wound Chip Power Inductors

CB Series

The CB Series wound chip inductors can be used for small DC/DC converters and are suited for choke uses.
Applications: • DSC/DVC/HDD • LCD • Portable telephones • Game equipment • Various audio visual equipment
 • Various communication equipment

Size	Dimensions - Inch (mm)			
	L	W	T	e
0603	0.063 ±0.2 (1.6 ±0.2)	0.031 ±0.008 (0.8 ±0.2)	0.031 ±0.008 (0.8 ±0.2)	0.015 ±0.006 (0.4 ±0.15)
0805 (CBC)	0.079 ±0.008 (2.0 ±0.2)	0.049 ±0.008 (1.25 ±0.2)	0.049 ±0.008 (1.25 ±0.2)	0.020 ±0.008 (0.5 ±0.2)
0805 (CBL)	0.079 ±0.008 (2.0 ±0.2)	0.049 ±0.008 (1.25 ±0.2)	0.035 ±0.004 (0.9 ±0.1)	0.020 ±0.008 (0.5 ±0.2)
0806	0.79 ±0.008 (2.0 ±0.2)	0.063 ±0.008 (1.6 ±0.2)	0.063 ±0.008 (1.6 ±0.2)	0.020 ±0.008 (0.5 ±0.2)
1007	0.098 ±0.008 (2.5 ±0.2)	0.071 ±0.008 (1.8 ±0.2)	0.071 ±0.008 (1.8 ±0.2)	0.020 ±0.008 (0.5 ±0.2)
1210	0.126 ±0.008 (3.2 ±0.2)	0.098 ±0.008 (2.5 ±0.2)	0.098 ±0.008 (2.5 ±0.2)	0.024 ±0.012 (0.6 ±0.3)



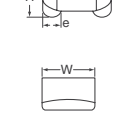
Size	Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel Pricing		Taiyo Yuden Part No.
						10	50	100	Qty.	Pricing	
0603	1.0	20%	0.09	290	587-1717-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBMF1608T1R0M
	2.2	20%	0.17	190	587-1718-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBMF1608T2R2M
	4.7	20%	0.24	145	587-1719-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBMF1608T4R7M
	10	10%	0.36	115	587-1720-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBMF1608T100K
	22	10%	1.0	70	587-1721-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBMF1608T220K
47	10%	2.5	50	587-1722-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBMF1608T470K	
0805	1.0	20%	0.19	700	587-1600-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBG2012T1R0M
	2.2	20%	0.33	530	587-1630-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBG2012T2R2M
	4.7	20%	0.50	360	587-1602-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBG2012T4R7M
	10	20%	1.2	240	587-1603-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBG2012T100M
	22	20%	3.7	170	587-1604-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBG2012T220M
47	20%	5.8	120	587-1605-1-ND	2.60	11.70	20.80	3,000	91.00/M	CBG2012T470M	
0806	1.0	20%	0.15	620	587-1629-1-ND	2.75	12.38	22.00	4,000	96.00/M	CBG2012T1R0M
	2.2	20%	0.39	440	587-1630-1-ND	2.75	12.38	22.00	4,000	96.00/M	CBG2012T2R2M
	4.7	20%	0.66	275	587-1631-1-ND	2.75	12.38	22.00	4,000	96.00/M	CBG2012T4R7M
	10	20%	1.0	205	587-1632-1-ND	2.75	12.38	22.00	4,000	96.00/M	CBG2012T100M
	22	20%	2.1	150	587-1633-1-ND	2.75	12.38	22.00	4,000	96.00/M	CBG2012T220M
47	20%	4.2	100	587-1634-1-ND	2.75	12.38	22.00	4,000	96.00/M	CBG2012T470M	
1007	1.0	20%	0.10	1100	587-1608-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T1R0M
	2.2	20%	0.20	720	587-1610-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T2R2M
	4.7	20%	0.37	530	587-1612-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T4R7M
	10	20%	0.82	350	587-1606-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T100M
	22	20%	1.8	240	587-1609-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T220M
47	20%	4.3	150	587-1611-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T470M	
100	20%	9.0	110	587-1607-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2016T100M	
1210	1.0	20%	0.08	1000	587-1815-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T1R0M
	2.2	20%	0.13	890	587-1818-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T2R2M
	4.7	20%	0.20	680	587-1821-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T4R7M
	10	20%	0.36	480	587-1819-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T100M
	22	20%	0.77	320	587-1816-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T220M
47	20%	1.9	240	587-1819-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T470M	
100	20%	3.7	160	587-1814-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T100M	
220	20%	8.4	110	587-1817-1-ND	2.45	11.03	19.60	2,000	86.00/M	CBG2518T220M	
1210	1.0	20%	0.055	1440	587-1822-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T1R0M
	2.2	20%	0.08	1130	587-1823-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T2R2M
	4.7	20%	0.10	1010	587-1824-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T4R7M
	10	20%	0.133	900	587-1825-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T100M
	22	20%	0.27	620	587-1826-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T220M
47	20%	0.67	390	587-1827-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T470M	
100	20%	1.4	270	587-1828-1-ND	3.50	15.75	28.00	1,000	123.00	CBG325T100M	

† For Tape and Reel part number, change 1-ND to 2-ND.
 § 587-1796-ND (TAIYO-CBCCOIL-V1) 5 each of values denoted (145 total pieces)..... \$67.50

BR Series

The best efficiency design is achieved by adopting bottom-surface electrode structure. Small and low-profile wound chip inductors are suited for module design which needs high electric current like DC/DC converters. **Applications:** • Small DC/DC converters in cell phones • HDD, DVC, DSC, PDA, LCD displays

Type	Dimensions - Inch (mm)			
	L	W	H - Maximum	e
BRC1608	0.063 ±0.008 (1.6 ±0.2)	0.031 ±0.008 (0.8 ±0.2)	0.031 ±0.008 (0.8 ±0.2)	0.016 ±0.006 (0.45 ±0.15)
BRL2012	0.078 ±0.008 (2.0 ±0.2)	0.049 ±0.008 (1.25 ±0.2)	0.040 (1.0)	0.020 ±0.008 (0.5 ±0.2)
BRL2518	0.098 ±0.008 (2.5 ±0.2)	0.071 ±0.008 (1.8 ±0.2)	0.048 (1.2)	0.020 ±0.008 (0.5 ±0.2)



Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel Pricing	Taiyo Yuden Part No.
					10	50	100		
BRC1608 Type									
0.2	20%	0.078	980	587-2056-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T2R0M
0.35	20%	0.104	810	587-2057-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T35M
0.45	20%	0.117	800	587-2058-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T45M
0.56	20%	0.1235	760	587-2059-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T56M
0.77	20%	0.143	660	587-2060-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T77M
1.0	20%	0.234	520	587-2061-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T1R0M
2.2	20%	0.715	280	587-2062-1-ND	3.60	16.20	28.80	126.00/M	BRC1608T2R2M
BRL2012 Type									
1.0	20%	0.1755	850	587-2063-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T1R0M
2.2	20%	0.39	550	587-2064-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T2R2M

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel Pricing	Taiyo Yuden Part No.
					10	50	100		
4.7	20%	0.715	400	587-2065-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T4R7M
10	20%	1.105	330	587-2066-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T100M
22	20%	1.69	270	587-2067-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T220M
47	20%	4.55	160	587-2068-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T470M
100	20%	10.01	85	587-2069-1-ND	3.15	14.18	25.20	110.00/M	BRL2012T101M

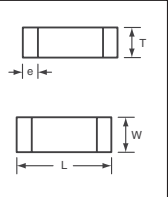
BRL2518 Type									
1.0	20%	0.080	1000	587-1952-1-ND	3.55	15.98	28.40	124.00/M	BRL2518T1R0M
1.5	20%	0.100	920	587-1953-1-ND	3.55	15.98	28.40	124.00/M	BRL2518T1R5M
2.2	20%	0.135	850	587-1954-1-ND	3.55	15.98	28.40	124.00/M	BRL2518T2R2M
3.3	20%	0.300	580	587-1955-1-ND	3.55	15.98	28.40	124.00/M	BRL2518T3R3M
4.7	20%	0.400	470	587-1956-1-ND	3.55	15.98	28.40	124.00/M	BRL2518T4R7M

† For Tape and Reel part number, change the 1-ND to 2-ND.

LB Series

The LBMF Series wound chip inductor covers customers' wide range module design by wide-line-up shape, standard, low Rdc, and high electric current series. The LBM2016 Series High Q and narrow tolerance are achieved by adopting bottom-surface electrode structure. Wound chip inductors are suited for module design of signal line uses. The LBC Series has super high Idc and low Rdc characteristics. The LBR Series features super low Rdc and high Idc characteristics. **Applications:** • DSC/DVC/HDD • LCD • Portable telephones • Game equipment • Various audio visual equipment
 • Various communication equipment

Type	Dimensions - Inch (mm)			
	L	W	T	e
LBMF1608	0.063 ±0.008 (1.6 ±0.2)	0.031 ±0.008 (0.8 ±0.2)	0.031 ±0.008 (0.8 ±0.2)	0.016 ±0.006 (0.4 ±0.15)
LBM2016	0.08 ±0.008 (2.0 ±0.2)	0.063 ±0.008 (1.6 ±0.2)	0.063 ±0.008 (1.6 ±0.2)	0.02 ±0.004 (0.5 ±0.2)
LBC2518	0.098 ±0.008 (2.5 ±0.2)	0.071 ±0.008 (1.8 ±0.2)	0.071 ±0.008 (1.8 ±0.2)	0.020 ±0.008 (0.5 ±0.2)
LBR2012	0.079 ±0.008 (2.0 ±0.2)	0.049 ±0.008 (1.25 ±0.2)	0.049 ±0.008 (1.25 ±0.2)	0.020 ±0.008 (0.5 ±0.2)
LB3218	0.128 ±0.008 (3.2 ±0.2)	0.072 ±0.008 (1.8 ±0.2)	0.072 ±0.008 (1.8 ±0.2)	0.024 ±0.008 (0.6 ±0.2)



Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel Pricing	Taiyo Yuden Part No.
					10	50	100		
LBMF1608 Type									
1.0	20%	0.09	230	587-1711-1-ND	2.45	11.03	19.60	3,000	86.00/M
2.2	20%	0.17	160	587-1712-1-ND	2.45	11.03	19.60	3,000	86.00/M
4.7	20%	0.24	110	587-1713-1-ND	2.45	11.03	19.60	3,000	86.00/M
10	10%	0.36	80	587-1714-1-ND	2.45	11.03	19.60	3,000	86.00/M
22	10%	1.0	50	587-1715-1-ND	2.45	11.03	19.60	3,000	86.00/M
47	10%	2.5	35	587-1716-1-ND	2.45	11.03	19.60	3,000	86.00/M

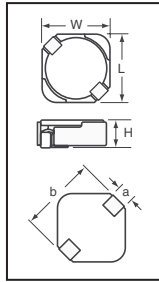
NP Series

Features:

- Small surface area • Low profile • Designed for high current applications where a surface mount component is required

Applications:

- Power supply circuits/DC-DC converters in a variety of applications where compact size is vital, such as digital camcorders, HDD and notebook PC's



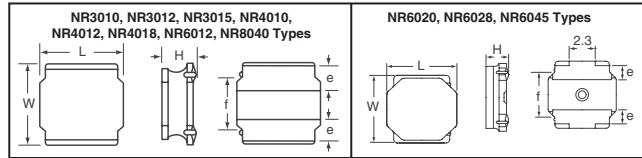
Type	Dimensions - Inch (mm)				
	L	W	H - Maximum	a	b
NP04SA	0.197 ±0.008 (5.0 ±0.2)	0.197 ±0.008 (5.0 ±0.2)	0.118 (3.0)	0.051 ±0.004 (1.3 ±0.1)	0.228 ±0.012 (5.8 ±0.3)
NP04SB/ NP04SZB	0.197 ±0.008 (5.0 ±0.2)	0.197 ±0.008 (5.0 ±0.2)	0.079 (2.0)	0.051 ±0.004 (1.3 ±0.1)	0.228 ±0.012 (5.8 ±0.3)

Inductance (µH)	Tolerance	Typ. DC Resistance (Ω)	Max. Rated Current (A)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NP04SA Type										
10	20%	0.054	0.90	587-1672-1-ND	5.50	24.75	44.00	2,000	193.00/M	NP04SA100M
22	20%	0.09	0.53	587-1673-1-ND	5.50	24.75	44.00	2,000	193.00/M	NP04SA220M
NP04SB Type										
4.7	30%	0.033	1.2	587-1674-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SB4R7N
10	20%	0.054	0.90	587-1675-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SB100M
22	20%	0.12	0.51	587-1676-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SB220M
47	20%	0.27	0.38	587-1677-1-ND	4.50	20.25	36.00	3,000	158.00/M	NP04SB470M
NP04SZB Type										
1.0	30%	0.021	4.0	587-1678-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SZB1R0N
2.2	30%	0.03	2.7	587-1679-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SZB2R2N
4.7	30%	0.075	1.8	587-1680-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SZB4R7N
10	20%	0.1	1.3	587-1681-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SZB100M
22	20%	0.21	0.77	587-1682-1-ND	5.50	24.75	44.00	3,000	193.00/M	NP04SZB220M

† For Tape and Reel part number, change the 1-ND to 2-ND.

NR Series

- Features: • Small and low profile • Corresponds to high current • Simple and original magnetic shield structure • Structure is strong against shock
- Applications: • Small DC/DC converters in cell phones • HDD, DVC, DSC, PDA, LCD displays



Type	Dimensions - Inch (mm)				
	L	W	H - Maximum	e	f
NR3010	0.118 ±0.004 (3.0 ±0.1)	0.118 ±0.004 (3.0 ±0.1)	0.039 (1.0)	0.035 ±0.008 (0.9 ±0.2)	0.075 ±0.008 (1.9 ±0.2)
NR3012	0.118 ±0.004 (3.0 ±0.1)	0.118 ±0.004 (3.0 ±0.1)	0.047 (1.2)	0.035 ±0.008 (0.9 ±0.2)	0.075 ±0.008 (1.9 ±0.2)
NR3015	0.118 ±0.004 (3.0 ±0.1)	0.118 ±0.004 (3.0 ±0.1)	0.059 (1.5)	0.035 ±0.008 (0.9 ±0.2)	0.075 ±0.008 (1.9 ±0.2)
NR4010	0.157 ±0.008 (4.0 ±0.2)	0.157 ±0.008 (4.0 ±0.2)	0.039 (1.0)	0.043 ±0.008 (1.1 ±0.2)	0.098 ±0.008 (2.5 ±0.2)
NR4012	0.157 ±0.008 (4.0 ±0.2)	0.157 ±0.008 (4.0 ±0.2)	0.047 (1.2)	0.043 ±0.008 (1.1 ±0.2)	0.098 ±0.008 (2.5 ±0.2)
NR4018	0.157 ±0.008 (4.0 ±0.2)	0.157 ±0.008 (4.0 ±0.2)	0.071 (1.8)	0.043 ±0.008 (1.1 ±0.2)	0.098 ±0.008 (2.5 ±0.2)
NR6012	0.236 ±0.008 (6.0 ±0.2)	0.236 ±0.008 (6.0 ±0.2)	0.047 (1.2)	0.039 ±0.008 (1.0 ±0.2)	0.189 ±0.008 (4.8 ±0.2)
NR6020	0.236 ±0.008 (6.0 ±0.2)	0.236 ±0.008 (6.0 ±0.2)	0.078 (2.0)	0.053 ±0.008 (1.35 ±0.2)	0.157 ±0.008 (4.0 ±0.2)
NR6028	0.236 ±0.008 (6.0 ±0.2)	0.236 ±0.008 (6.0 ±0.2)	0.110 (2.8)	0.053 ±0.008 (1.35 ±0.2)	0.157 ±0.008 (4.0 ±0.2)
NR6045	0.236 ±0.008 (6.0 ±0.2)	0.236 ±0.008 (6.0 ±0.2)	0.177 (4.5)	0.053 ±0.008 (1.35 ±0.2)	0.157 ±0.008 (4.0 ±0.2)
NR8040	0.315 ±0.008 (8.0 ±0.2)	0.315 ±0.008 (8.0 ±0.2)	0.165 (4.2)† (4.0)‡	0.063 ±0.012 (1.6 ±0.3)	0.220 ±0.012 (5.6 ±0.3)

† 0.9µH - 6.8µH ‡ 10µH - 100µH

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NR3010 Type										
1.0	30%	0.065	1300	587-1636-1-ND	6.80	30.60	54.40	2,000	238.00/M	NR3010T1R0N
2.2	20%	0.095	1100	587-1638-1-ND	6.80	30.60	54.40	2,000	238.00/M	NR3010T2R2M
4.7	20%	0.19	750	587-1640-1-ND	6.80	30.60	54.40	2,000	238.00/M	NR3010T4R7M
10	20%	0.45	500	587-1643-1-ND	6.80	30.60	54.40	2,000	238.00/M	NR3010T100M
22	20%	1.03	350	587-1637-1-ND	6.80	30.60	54.40	2,000	238.00/M	NR3010T220M
47	20%	2.05	220	587-1639-1-ND	6.80	30.60	54.40	2,000	238.00/M	NR3010T470M
NR3012 Type										
1.0	30%	0.05	1500	587-1641-1-ND	5.50	24.75	44.00	2,000	193.00/M	NR3012T1R0N
2.2	20%	0.08	1100	587-1642-1-ND	5.50	24.75	44.00	2,000	193.00/M	NR3012T2R2M
4.7	20%	0.13	770	587-1643-1-ND	5.50	24.75	44.00	2,000	193.00/M	NR3012T4R7M
10	20%	0.29	540	587-1644-1-ND	5.50	24.75	44.00	2,000	193.00/M	NR3012T100M
22	20%	0.63	375	587-1645-1-ND	5.50	24.75	44.00	2,000	193.00/M	NR3012T220M
47	20%	1.45	250	587-1646-1-ND	5.50	24.75	44.00	2,000	193.00/M	NR3012T470M

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

More Product Available Online: www.digikey.com

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NR3015 Type										
1.0	30%	0.03	2100	587-1647-1-ND	4.95	22.28	39.60	2,000	173.00/M	NR3015T1R0N
2.2	20%	0.06	1480	587-1648-1-ND	4.95	22.28	39.60	2,000	173.00/M	NR3015T2R2M
4.7	20%	0.12	1020	587-1649-1-ND	4.95	22.28	39.60	2,000	173.00/M	NR3015T4R7M
10	20%	0.23	700	587-1650-1-ND	4.95	22.28	39.60	2,000	173.00/M	NR3015T100M
22	20%	0.52	470	587-1651-1-ND	4.95	22.28	39.60	2,000	173.00/M	NR3015T220M
47	20%	1.34	320	587-1652-1-ND	4.95	22.28	39.60	2,000	173.00/M	NR3015T470M

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NR4012 Type										
4.7	20%	0.21	900	587-1658-1-ND	6.20	27.90	49.60	5,000	217.00/M	NR4010T4R7M
10	20%	0.38	560	587-1653-1-ND	6.20	27.90	49.60	5,000	217.00/M	NR4010T100M
47	20%	1.81	240	587-1657-1-ND	6.20	27.90	49.60	5,000	217.00/M	NR4010T470M

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NR4018 Type										
4.7	20%	0.09	1200	587-1661-1-ND	5.30	23.85	42.40	4,500	186.00/M	NR4012T2R2M
2.2	20%	0.14	960	587-1663-1-ND	5.30	23.85	42.40	4,500	186.00/M	NR4012T4R7M
10	20%	0.24	740	587-1659-1-ND	5.30	23.85	42.40	4,500	186.00/M	NR4012T100M
22	20%	0.48	510	587-1660-1-ND	5.30	23.85	42.40	4,500	186.00/M	NR4012T220M
47	20%	1.10	350	587-1662-1-ND	5.30	23.85	42.40	4,500	186.00/M	NR4012T470M

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NR6012 Type										
2.5	30%	0.108	1730	587-2024-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T2R5NE
4.0	30%	0.126	1570	587-2025-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T4R0NE
5.3	20%	0.132	1400	587-2026-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T5R3ME
6.8	20%	0.198	1180	587-2027-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T6R8ME
10	20%	0.282	1000	587-2028-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T100ME
22	20%	0.636	630	587-2029-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T220ME
47	20%	1.26	460	587-2030-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T470ME
100	20%	2.616	320	587-2031-1-ND	5.95	26.78	47.60	1,000	208.00	NR6012T101ME

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NR6020 Type										
0.8	30%	0.026	3800	587-2070-1-ND	5.25	23.63	42.00	2,500	184.00/M	NR6020T0R8N
2.2	30%	0.0442	2700	587-2071-1-ND	5.25	23.63	42.00	2,500	184.00/M	NR6020T2R2N
4.7	30%	0.0754	2000	587-2072-1-ND	5.25	23.63	42.00	2,500	184.00/M	NR6020T4R7N
10	20%	0.1625	1400	587-2073-1-ND	5.25	23.63	42.00	2,500	184.00/M	NR6020T100N

Inductance (µH)	Tolerance	DC Resistance (Ω)	Max. Rated Current (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Taiyo Yuden Part No.
					10	50	100	Qty.	Pricing	
NEW! NR6028 Type NEW!										
0.9	30%	0.013	4600	587-2096-1-ND	3.95	17.78	31.60	2,000	138.00/M	NR6028T0R9N
1.5	30%	0.016	4200	587-2097-1-ND	3.95	17.78	31.60	2,000	138.00/M	NR6028T1R5N
2.2	30%	0.02	3700	587-2098-1-ND	3.95	17.78	31.60	2,000	138.00/M	NR6028T2R2N
3.0	30%	0.023	3400	587-2099-1-ND	3.95	17.78	31.60	2,000	138.00/M	NR6028T3R0N
4.7	20%	0.031	3000							