

# TAIYO YUDEN High Current SMT Ferrite Chip Beads

## Features:

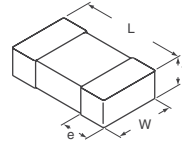
- Large withstanding voltage • Resistance to high energy • High reliability

## Applications:

- Automotive • Computer Peripherals • Differential transmission line on USB and similar products • Mobile devices which require lower power consumption • Provides waveform correction of digital signals and high frequency noise countermeasures in various types of digital equipment • Works well with power line radiated and conducted noise

## Taiyo Yuden's Type Breakout:

- **HS:** For Broadband applications
- **HM:** For upper MHz range applications
- **HL:** For GHz range applications



Size Code	Dimensions - mm			
	L	W	T	e
<b>FBMH Series</b>				
0603	1.6±0.1	0.8±0.1	0.8±0.1	0.3±0.15
0805	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3
0806	2.0±0.2	1.6±0.2	1.6±0.2	0.5±0.3
1206	3.2±0.3	1.6±0.2	1.6±0.2	0.5±0.3
1210	3.2±0.3	2.5±0.3	2.5±0.3	0.5±0.3
1806	4.5±0.3	1.6±0.2	1.6±0.2	0.5±0.3
1810	4.5±0.4	2.5±0.3	2.5±0.3	0.9±0.6
1812	4.5±0.4	3.2±0.3	3.2±0.3	0.9±0.6
<b>FBMJ Series</b>				
0603	1.6±0.2	0.8±0.2	0.8±0.2	0.3±0.2
0805	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3
1206	3.2±0.3	1.6±0.2	1.1±0.2	0.5±0.3
1806	4.5±0.3	1.6±0.2	1.1±0.2	0.5±0.3

Size Code	Type	Impedance (Ω) @ 100MHz	Maximum Rated Current (A)	Maximum DC Resistance (Ω)	Digi-Key Part No.	Cut Tape Pricing		Digi-Key Part No.	Tape and Reel		Taiyo Yuden Part No.	
						10	500		Qty.	Pricing		
<b>FBMH Series</b>												
0603	HL	30	2.5	0.028	587-1733-1-ND	52	4.14	15.52	587-1733-2-ND	4,000	23.96/M	FBMH1608HL300-T
	HM	47	3.5	0.020	587-1743-1-ND	52	4.14	15.52	587-1743-2-ND	4,000	23.96/M	FBMH1608HM470-T
	HL	60	1.8	0.045	587-1736-1-ND	52	4.14	15.52	587-1736-2-ND	4,000	23.96/M	FBMH1608HL600-T
	HM	60	3.0	0.025	587-1745-1-ND	52	4.14	15.52	587-1745-2-ND	4,000	23.96/M	FBMH1608HM600-T
	HM	100	2.0	0.035	587-1738-1-ND	52	4.14	15.52	587-1738-2-ND	4,000	23.96/M	FBMH1608HM101-T
	HL	120	.9	0.130	587-1731-1-ND	52	4.14	15.52	587-1731-2-ND	4,000	23.96/M	FBMH1608HL121-T
	HM	150	2.0	0.050	587-1740-1-ND	52	4.14	15.52	587-1740-2-ND	4,000	23.96/M	FBMH1608HM151-T
	HL	220	.7	0.170	587-1732-1-ND	52	4.14	15.52	587-1732-2-ND	4,000	23.96/M	FBMH1608HL221-T
	HM	220	1.5	0.070	587-1741-1-ND	52	4.14	15.52	587-1741-2-ND	4,000	23.96/M	FBMH1608HM221-T
	HL	330	.6	0.210	587-1734-1-ND	52	4.14	15.52	587-1734-2-ND	4,000	23.96/M	FBMH1608HL331-T
	HM	330	.9	0.130	587-1742-1-ND	52	4.14	15.52	587-1742-2-ND	4,000	23.96/M	FBMH1608HM331-T
	HL	470	.5	0.350	587-1735-1-ND	52	4.14	15.52	587-1735-2-ND	4,000	23.96/M	FBMH1608HL471-T
HM	470	.7	0.150	587-1744-1-ND	52	4.14	15.52	587-1744-2-ND	4,000	23.96/M	FBMH1608HM471-T	
HL	600	.4	0.45	587-1737-1-ND	52	4.14	15.52	587-1737-2-ND	4,000	23.96/M	FBMH1608HL601-T	
HM	600	.7	0.170	587-1746-1-ND	52	4.14	15.52	587-1746-2-ND	4,000	23.96/M	FBMH1608HM601-T	
HM	1000	.3	0.350	587-1739-1-ND	52	4.14	15.52	587-1739-2-ND	4,000	23.96/M	FBMH1608HM102-T	
0805	HM	80	2.7	0.025	587-1750-1-ND	68	5.45	20.42	587-1750-2-ND	4,000	31.95/M	FBMH2012HM800-T
	HM	120	2.5	0.032	587-1747-1-ND	68	5.45	20.42	587-1747-2-ND	4,000	31.95/M	FBMH2012HM121-T
	HM	330	2.0	0.060	587-1748-1-ND	68	5.45	20.42	587-1748-2-ND	4,000	31.95/M	FBMH2012HM331-T
0806	HM	250	2.0	0.050	587-1751-1-ND	82	6.53	24.50	587-1751-2-ND	2,000	38.48/M	FBMH2016HM251NT
	HM	500	2.0	0.070	587-1752-1-ND	1.36	10.89	40.84	587-1752-2-ND	2,000	63.89/M	FBMH3216HM501NT
1206	HM	600	3.0	0.042	587-1755-1-ND	2.58	20.69	77.59	587-1755-2-ND	1,000	120.52	FBMH3225HM601NT
	HM	1000	2.0	0.100	587-1753-1-ND	2.58	20.69	77.59	587-1753-2-ND	1,000	120.52	FBMH3225HM102NT
1806	HM	2000	1.2	0.130	587-1754-1-ND	2.58	20.69	77.59	587-1754-2-ND	1,000	120.52	FBMH3225HM202NT
	HM	850	1.5	0.100	587-1756-1-ND	2.72	21.78	81.68	587-1756-2-ND	2,000	127.05/M	FBMH4516HM851NT
1810	HM	1000	3.0	0.060	587-1757-1-ND	4.63	37.03	138.85	587-1757-2-ND	1,000	216.35	FBMH4525HM102NT
	HM	1600	2.0	0.130	587-1758-1-ND	4.63	37.03	138.85	587-1758-2-ND	1,000	216.35	FBMH4525HM162NT
1812	HM	680	4.0	0.028	587-1761-1-ND	3.73	29.84	111.90	587-1761-2-ND	2,000	174.24/M	FBMH4532HM681-T
	HM	1300	3.0	0.060	587-1759-1-ND	3.73	29.84	111.90	587-1759-2-ND	2,000	174.24/M	FBMH4532HM132-T
HM	2000	1.3	0.130	587-1760-1-ND	3.73	29.84	111.90	587-1760-2-ND	2,000	174.24/M	FBMH4532HM202-T	
<b>FBMJ Series</b>												
0603	HM	23	4.0	0.007	587-1762-1-ND	52	4.14	15.52	587-1762-2-ND	4,000	23.96/M	FBMJ1608HM230NT
	HS	28	4.0	0.007	587-1763-1-ND	52	4.14	15.52	587-1763-2-ND	4,000	23.96/M	FBMJ1608HS280NT
0805	HL	8	2.0	0.010	587-1764-1-ND	54	4.36	16.34	587-1764-2-ND	4,000	25.41/M	FBMJ125HL8R0NT
	HM	21	6.0	0.004	587-1765-1-ND	54	4.36	16.34	587-1765-2-ND	4,000	25.41/M	FBMJ125HM210NT
	HS	25	6.0	0.004	587-1767-1-ND	54	4.36	16.34	587-1767-2-ND	4,000	25.41/M	FBMJ125HS250NT
	HM	33	4.0	0.008	587-1766-1-ND	54	4.36	16.34	587-1766-2-ND	4,000	25.41/M	FBMJ125HM330-T
	HS	42	4.0	0.008	587-1768-1-ND	54	4.36	16.34	587-1768-2-ND	4,000	25.41/M	FBMJ125HS420-T
1206	HM	38	6.0	0.005	587-1769-1-ND	82	6.53	24.50	587-1769-2-ND	2,000	38.48/M	FBMJ3216HM380NT
	HS	48	6.0	0.005	587-1771-1-ND	82	6.53	24.50	587-1771-2-ND	2,000	38.48/M	FBMJ3216HS480NT
	HM	60	4.0	0.010	587-1770-1-ND	82	6.53	24.50	587-1770-2-ND	2,000	38.48/M	FBMJ3216HM600-T
	HS	80	4.0	0.010	587-1772-1-ND	82	6.53	24.50	587-1772-2-ND	2,000	38.48/M	FBMJ3216HS800-T
1806	HM	56	6.0	0.007	587-1773-1-ND	95	7.62	28.59	587-1773-2-ND	2,000	44.29/M	FBMJ4516HM560NT
	HS	72	6.0	0.007	587-1776-1-ND	95	7.62	28.59	587-1776-2-ND	2,000	44.29/M	FBMJ4516HS720NT
	HM	90	4.0	0.014	587-1774-1-ND	95	7.62	28.59	587-1774-2-ND	2,000	44.29/M	FBMJ4516HM900-T
	HS	90	4.0	0.014	587-1774-1-ND	95	7.62	28.59	587-1774-2-ND	2,000	44.29/M	FBMJ4516HS900-T
	HS	110	4.0	0.014	587-1775-1-ND	95	7.62	28.59	587-1775-2-ND	2,000	44.29/M	FBMJ4516HS111-T



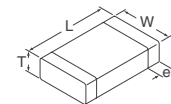
## Multilayer Ferrite Chip Beads

- Internal silver printed layer creates a closed circuit which acts as a magnetic shield minimizing heat generation and crosstalk • No need for grounding provides greater circuit design flexibility • Several material types and a broad range of impedance values provide noise countermeasures for various applications

- **Applications:** • High frequency noise countermeasure in personal computers, digital cameras and other information system products • For use on digital product clock lines and general signal lines • Radiated noise suppression in computer or printer interfaces and harness connectors • Noise suppression in video and other AV products • Prevents interference between circuits in cellular phones • Due to the closed internal circuit which acts as a magnetic shield, the TS material is extremely effective as a noise filter on LSI power supply lines where downsizing of components is needed

## Taiyo Yuden's Type Breakout:

- **HS:** Suppresses the XL component. Helps stop the reduction of the wave-form integrity. (digital wave-form overshoot, etc.)
- **HM:** Increases the Z characteristic sharply above 20MHz and is applicable for radiated noise in the 100MHz ~ 300MHz range. Especially effective on video signal lines.
- **LL:** Designed as a noise countermeasure for the 200MHz ~ 500MHz range where the rise of the Z component is in the high frequency area.
- **LM:** Intended for noise suppression around 200MHz. Effectively increases attenuation.
- **HW:** The best material in the BK Series to suppress the XL component and stop the reduction of the wave-form integrity while maintaining attenuation in the high frequency area.
- **TS:** Reduced DC resistance version for noise countermeasures around LSI power supplies.



Size Code	Dimensions - mm			
	L	W	e	T
0201	0.60±0.03	0.30±0.03	0.15±0.05	0.3
0402	1.00±0.05	0.50±0.05	0.25±0.10	0.5
0603	1.6±0.15	0.8±0.15	0.3±0.2	0.8
0805 (≤1500Ω)	2.0±0.2	1.25±0.2	0.5±0.3	0.85
0805 (≥1800Ω)	2.0±0.2	1.25±0.2	0.5±0.3	1.25

Size Code	Type	Impedance (Ω) @ 100MHz	Max. Rated Current (A)	Max. DC Res. (Ω)	Digi-Key Part No.	Cut Tape Pricing		Tape and Reel#		Taiyo Yuden Part No.
						10	50	Qty.	Pricing	
<b>BK Series</b>										
0201	LL	10	0.2	0.25	587-1831-1-ND	.62	2.72	15,000	28.32/M	BK0603LL100-T
	HS	22	0.5	0.065	587-1826-1-ND	.62	2.72	15,000	28.32/M	BK0603HS220-T
	LL	22	0.2	0.45	587-1832-1-ND	.62	2.72	15,000	28.32/M	BK0603LL220-T
	HS	33	0.5	0.070	587-1828-1-ND	.62	2.72	15,000	28.32/M	BK0603HS330-T
	LL	33	0.15	0.55	587-1833-1-ND	.62	2.72	15,000	28.32/M	BK0603LL330-T
	LL	47	0.15	0.70	587-1834-1-ND	.62	2.72	15,000	28.32/M	BK0603LL470-T
	HM	60	0.2	0.25	587-1824-1-ND	.62	2.72	15,000	28.32/M	BK0603HM600-T
	HS	80	0.2	0.40	587-1830-1-ND	.62	2.72	15,000	28.32/M	BK0603HS800-T
	HM	120	0.2	0.40	587-1821-1-ND	.62	2.72	15,000	28.32/M	BK0603HM121-T
	HS	120	0.2	0.45	587-1825-1-ND	.62	2.72	15,000	28.32/M	BK0603HS121-T

Size Code	Type	Impedance (Ω) @ 100MHz	Max. Rated Current (A)	Max. DC Res. (Ω)	Digi-Key Part No.	Cut Tape Pricing		Tape and Reel#		Taiyo Yuden Part No.
						10	50	Qty.	Pricing	
0201	HM	240	0.2	0.80	587-1822-1-ND	.62	2.72	15,000	28.32/M	BK0603HM241-T
	HS	240	0.2	0.65	587-1827-1-ND	.62	2.72	15,000	28.32/M	BK0603HS241-T
	HM	470	0.1	1.05	587-1823-1-ND	.62	2.72	15,000	28.32/M	BK0603HM471-T
	HS	600	0.15	1.20	587-1829-1-ND	.62	2.72	15,000	28.32/M	BK0603HS601-T
0402	HS	10	1.0	0.03	587-1840-1-ND†	28	1.18	10,000	13.07/M	BK1005HS100-T
	LL	10	0.5	0						

Size Code	Type	Impedance (Ω) @ 100MHz	Max. Rated Current (A)	Max. DC Res. (Ω)	Digi-Key Part No.	Cut Tape Pricing		Tape and Reel#		Taiyo Yuden Part No.
						10	50	Qty.	Pricing	
0402	HS	68	0.7	0.1	587-1847-1-ND†	.28	1.18	10,000	13.07/M	BK1005HS680-T
	HW	68	0.5	0.17	587-1852-1-ND†	.28	1.18	10,000	13.07/M	BK1005HW680-T
	LL	68	0.4	0.31	587-1860-1-ND†	.28	1.18	10,000	13.07/M	BK1005LL680-T
	HS	80	0.7	0.1	587-1820-1-ND	.28	1.18	10,000	13.07/M	BK1005HS800-T
	HM	120	0.3	0.18	587-1836-1-ND†	.28	1.18	10,000	13.07/M	BK1005HM121-T
	HS	120	0.5	0.2	587-1842-1-ND†	.28	1.18	10,000	13.07/M	BK1005HS121-T
	HW	120	0.45	0.24	587-1848-1-ND†	.28	1.18	10,000	13.07/M	BK1005HW121-T
	LL	120	0.35	0.45	587-1854-1-ND†	.28	1.18	10,000	13.07/M	BK1005LL121-T
	LL	180	0.3	0.5	587-1855-1-ND†	.28	1.18	10,000	13.07/M	BK1005LL181-T
	HM	240	0.3	0.3	587-1837-1-ND†	.28	1.18	10,000	13.07/M	BK1005HM241-T
	HS	240	0.4	0.3	587-1843-1-ND†	.28	1.18	10,000	13.07/M	BK1005HS241-T
	HW	240	0.4	0.31	587-1849-1-ND†	.28	1.18	10,000	13.07/M	BK1005HW241-T
LL	240	0.25	0.7	587-1857-1-ND†	.28	1.18	10,000	13.07/M	BK1005LL241-T	
HS	430	0.35	0.45	587-1845-1-ND	.28	1.18	10,000	13.07/M	BK1005HS431-T	
HW	430	0.35	0.5	587-1850-1-ND†	.28	1.18	10,000	13.07/M	BK1005HW431-T	
HM	470	0.25	0.45	587-1838-1-ND†	.28	1.18	10,000	13.07/M	BK1005HM471-T	
HM	600	0.25	0.5	587-1839-1-ND†	.28	1.18	10,000	13.07/M	BK1005HM601-T	
HS	600	0.3	0.55	587-1846-1-ND†	.28	1.18	10,000	13.07/M	BK1005HS601-T	
HW	600	0.3	0.6	587-1851-1-ND†	.28	1.18	10,000	13.07/M	BK1005HW601-T	
HM	1000	0.15	0.7	587-1835-1-ND†	.28	1.18	10,000	13.07/M	BK1005HM102-T	
HS	1000	0.3	0.58	587-1841-1-ND	.28	1.18	10,000	13.07/M	BK1005HS102-T	
LM	1800	0.12	0.9	587-1861-1-ND	.28	1.18	10,000	13.07/M	BK1005LM182-T	
0603	HS	22	1.5	0.05	587-1869-1-ND	.30	1.30	4,000	13.80/M	BK1608HS220-T
	LL	30	0.5	0.2	587-1883-1-ND	.30	1.30	4,000	13.80/M	BK1608LL300-T
	HS	33	1.2	0.08	587-1871-1-ND	.30	1.30	4,000	13.80/M	BK1608HS330-T
	HS	47	0.9	0.1	587-1872-1-ND	.30	1.30	4,000	13.80/M	BK1608HS470-T
	LL	47	0.4	0.3	587-1886-1-ND	.30	1.30	4,000	13.80/M	BK1608LL470-T
	LL	56	0.4	0.3	587-1888-1-ND	.30	1.30	4,000	13.80/M	BK1608LL560-T
	HS	60	0.8	0.1	587-1873-1-ND	.30	1.30	4,000	13.80/M	BK1608HS600-T
	LL	68	0.3	0.35	587-1889-1-ND	.30	1.30	4,000	13.80/M	BK1608LL680-T
	HS	80	0.6	0.1	587-1875-1-ND	.30	1.30	4,000	13.80/M	BK1608HS800-T
	HM	120	0.35	0.2	587-1863-1-ND	.30	1.30	4,000	13.80/M	BK1608HM121-T
	HS	120	0.5	0.18	587-1868-1-ND	.30	1.30	4,000	13.80/M	BK1608HS121-T
	HW	120	0.6	0.15	587-1876-1-ND	.30	1.30	4,000	13.80/M	BK1608HW121-T
LL	120	0.3	0.5	587-1880-1-ND	.30	1.30	4,000	13.80/M	BK1608LL121-T	
LL	180	0.25	0.65	587-1881-1-ND	.30	1.30	4,000	13.80/M	BK1608LL181-T	
HM	240	0.3	0.35	587-1864-1-ND	.30	1.30	4,000	13.80/M	BK1608HM241-T	
HS	240	0.4	0.25	587-1870-1-ND	.30	1.30	4,000	13.80/M	BK1608HS241-T	
HW	240	0.45	0.25	587-1877-1-ND	.30	1.30	4,000	13.80/M	BK1608HW241-T	
LL	240	0.25	0.8	587-1882-1-ND	.30	1.30	4,000	13.80/M	BK1608LL241-T	
LL	330	0.2	0.85	587-1884-1-ND	.30	1.30	4,000	13.80/M	BK1608LL331-T	
HW	430	0.4	0.3	587-1878-1-ND	.30	1.30	4,000	13.80/M	BK1608HW431-T	
LL	430	0.2	0.85	587-1885-1-ND	.30	1.30	4,000	13.80/M	BK1608LL431-T	
TS	430	0.4	0.32	587-1896-1-ND	.30	1.30	4,000	13.80/M	BK1608TS431-T	
HM	470	0.25	0.45	587-1865-1-ND	.30	1.30	4,000	13.80/M	BK1608HM471-T	
LL	510	0.2	0.9	587-1887-1-ND	.30	1.30	4,000	13.80/M	BK1608LL511-T	
HM	600	0.25	0.6	587-1866-1-ND	.30	1.30	4,000	13.80/M	BK1608HM601-T	
HS	600	0.35	0.45	587-1874-1-ND	.30	1.30	4,000	13.80/M	BK1608HS601-T	
HW	600	0.3	0.4	587-1879-1-ND	.30	1.30	4,000	13.80/M	BK1608HW601-T	
TS	600	0.35	0.35	587-1897-1-ND	.30	1.30	4,000	13.80/M	BK1608TS601-T	

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						10	50	Qty.	Pricing	
0603	LL	680	0.15	1.0	587-1890-1-ND	.30	1.30	4,000	13.80/M	BK1608LL681-T
	LM	750	0.3	0.6	587-1894-1-ND	.30	1.30	4,000	13.80/M	BK1608LM751-T
	HM	1000	0.2	0.7	587-1862-1-ND	.30	1.30	4,000	13.80/M	BK1608HM102-T
	HS	1000	0.3	0.6	587-1867-1-ND	.30	1.30	4,000	13.80/M	BK1608HS102-T
	TS	1000	0.3	0.39	587-1895-1-ND	.30	1.30	4,000	13.80/M	BK1608TS102-T
	LM	1500	0.25	0.75	587-1891-1-ND	.30	1.30	4,000	13.80/M	BK1608LM152-T
	LM	1800	0.2	0.85	587-1892-1-ND	.30	1.30	4,000	13.80/M	BK1608LM182-T
	LM	2500	0.2	1.1	587-1893-1-ND	.30	1.30	4,000	13.80/M	BK1608LM252-T
	HS	15	1.2	0.05	587-1906-1-ND	.41	1.77	4,000	18.88/M	BK2125HS150-T
	HS	22	1.2	0.05	587-1907-1-ND	.41	1.77	4,000	18.88/M	BK2125HS220-T
	HS	33	1.2	0.05	587-1909-1-ND	.41	1.77	4,000	18.88/M	BK2125HS330-T
	HS	47	1.0	0.05	587-1911-1-ND	.41	1.77	4,000	18.88/M	BK2125HS470-T
LL	56	0.6	0.2	587-1916-1-ND	.41	1.77	4,000	18.88/M	BK2125LL560-T	
HS	75	1.0	0.1	587-1913-1-ND	.41	1.77	4,000	18.88/M	BK2125HS750-T	
HS	100	0.9	0.1	587-1903-1-ND	.41	1.77	4,000	18.88/M	BK2125HS101-T	
HM	120	0.8	0.15	587-1899-1-ND	.41	1.77	4,000	18.88/M	BK2125HM121-T	
HS	120	0.8	0.15	587-1905-1-ND	.41	1.77	4,000	18.88/M	BK2125HS121-T	
LL	120	0.4	0.3	587-1914-1-ND	.41	1.77	4,000	18.88/M	BK2125LL121-T	
HM	240	0.6	0.2	587-1900-1-ND	.41	1.77	4,000	18.88/M	BK2125HM241-T	
HS	240	0.6	0.2	587-1908-1-ND	.41	1.77	4,000	18.88/M	BK2125HS241-T	
LL	240	0.3	0.35	587-1915-1-ND	.41	1.77	4,000	18.88/M	BK2125LL241-T	
HS	430	0.5	0.25	587-1910-1-ND	.41	1.77	4,000	18.88/M	BK2125HS431-T	
HM	470	0.5	0.25	587-1901-1-ND	.41	1.77	4,000	18.88/M	BK2125HM471-T	
HM	600	0.5	0.25	587-1902-1-ND	.41	1.77	4,000	18.88/M	BK2125HM601-T	
HS	600	0.5	0.3	587-1912-1-ND	.41	1.77	4,000	18.88/M	BK2125HS601-T	
LM	750	0.4	0.3	587-1920-1-ND	.41	1.77	4,000	18.88/M	BK2125LM751-T	
HM	1000	0.4	0.35	587-1898-1-ND	.41	1.77	4,000	18.88/M	BK2125HM102-T	
HS	1000	0.3	0.4	587-1904-1-ND	.41	1.77	4,000	18.88/M	BK2125HS102-T	
LM	1500	0.4	0.35	587-1917-1-ND	.41	1.77	4,000	18.88/M	BK2125LM152-T	
LM	1800	0.3	0.45	587-1918-1-ND	.41	1.77	2,000	18.88/M	BK2125LM182-T	
LM	2500	0.2	0.75	587-1919-1-ND	.41	1.77	2,000	18.88/M	BK2125LM252-T	
<b>BKP Series</b>										
0402	HS	120	1.0	0.14	587-1921-1-ND	.28	1.18	10,000	13.07/M	BKP1005HS121-T
	HM	120	1.1	0.12	587-2089-1-ND	.28	1.18	10,000	13.07/M	BKP1005HM121-T
	HS	220	0.8	0.2	587-2088-1-ND	.28	1.18	10,000	13.07/M	BKP1005HS221-T
0603	HS	33	3.0	0.025	587-1926-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS330-T
	HS	60	2.5	0.04	587-1928-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS600-T
	HS	100	1.7	0.05	587-1922-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS101-T
	HS	120	2.7	0.035	587-1923-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS121-T
	HS	180	1.5	0.075	587-1924-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS181-T
	HS	270	1.2	0.11	587-1925-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS271-T
0805	HS	390	1.0	0.14	587-1927-1-ND	.30	1.30	4,000	13.80/M	BKP1608HS391-T
	HS	33	4.0	0.02	587-1931-1-ND	.41	1.77	4,000	18.88/M	BKP2125HS330-T
	HS	60	3.0	0.025	587-1932-1-ND	.41	1.77	4,000	18.88/M	BKP2125HS600-T
HS	100	2.5	0.04	587-1929-1-ND	.41	1.77	4,000	18.88/M	BKP2125HS101-T	
HS	220	2.0	0.05	587-1930-1-ND	.41	1.77	4,000	18.88/M	BKP2125HS221-T	

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

† 587-1957-ND (TAIYO-0402BEAD-V1) Kit contains 50 each of values denoted (1,200 total pieces)..... 49.01

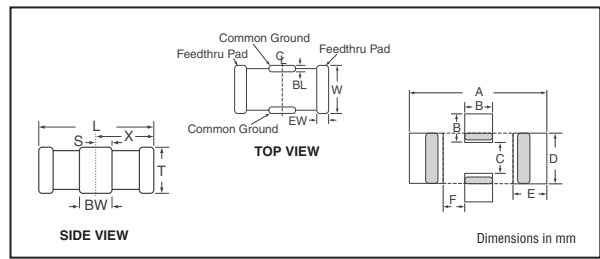
**AVX Feedthru 0805/1206 Filters/Capacitors**

Available in both a standard 0805 and 1206 size, AVX's line of feedthru capacitors are ideal choices for EMI suppression, broadband I/O filtering, or Vcc power line conditioning.

The unique construction of a feedthru capacitor provides low parallel inductance and offers excellent decoupling capability for all high di/dt environments and provides significant noise reduction in digital circuits to <5GHz.

**Characteristics:** • Current Rating: 300mA • Insulation Resistance: 1,000MΩ • DC Resistance: <0.6Ω • Operating Temperature: -55°C ~ 125°C

Series	Dimensions - mm									
	A	B	C	D	E	F	L	W	T	BW
0805	3.45	0.51	0.76	1.27	1.02	0.46	2.01 ±0.20	1.25 ±0.20	1.14 Max.	0.46 ±0.10
							3.20 ±0.20	1.60 ±0.20	1.27 Max.	0.89 ±0.10
1206	4.54	0.94	1.02	1.65	1.09	0.71	2.01 ±0.20	1.25 ±0.20	1.14 Max.	0.46 ±0.10
							3.20 ±0.20	1.60 ±0.20	1.27 Max.	0.89 ±0.10



Size Code	Type	WV VDC	Capacitance (pF)	Capacitance Tolerance (%)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing		AVX Part No.
						10	100	500		1,000	1,000	
0805	NPO	100	220	+50, -20	478-2232-1-ND	.78	.46	.27	478-2232-2-ND	126.76	W2F11A2218AT1F	
	NPO	100	470	+50, -20	478-2233-1-ND	.78	.46	.27	4			