

SURFACE-MOUNT MULTI-LAYER CHIP BEADS FASBL 1005,1608 SERIES

FEATURES:

- Multilayer structure
- Closed magnetic circuit
- Avoids crosstalk
- Excellent magnetic shield
- Excellent solderability
- High reliability
- EMI/RFI suppression
- 20% impedance tolerance

OPTIONS:

- Packaging: Tape & Reel is standard (Qty: 4000 pcs)
- Bulk packaging available for smaller quantities
- Impedance: Optional values available

COMMON APPLICATIONS:

- Cellular Phones
- Mobil Radios
- Cordless Telephones
- Modems
- Global Positioning Systems
- Wireless Communications Equipment
- Network Systems
- Computer Products

ELECTRICAL CHARACTERISTICS

Part Number	IMPEDANCE () AT 100 MHz	DCR () Max	IDC Max mA	Part Number	IMPEDANCE () AT 100 MHz	DCR () Max	IDC Max mA
FASBL1005A050H	5	0.045	500	FASBL1608A050H	5	0.05	1000
FASBL1005A070H	7	0.045	500	FASBL1608A090H	9	0.05	1000
FASBL1005A110H	11	0.05	500	FASBL1608A110H	11	0.05	1000
FASBL1005A190H	19	0.05	300	FASBL1608A190H	19	0.05	1000
FASBL1005A260H	26	0.15	300	FASBL1608A260H	26	0.06	500
FASBL1005A310H	31	0.20	300	FASBL1608A310H	31	0.06	500
FASBL1005A360H	36	0.20	300	FASBL1608A600H	60	0.12	300
FASBL1005A600H	60	0.35	200	FASBL1608A700H	70	0.12	300
FASBL1005A800H	80	0.40	200	FASBL1608A800H	80	0.12	300
FASBL1005A121H	120	0.50	150	FASBL1608A101H	100	0.20	200
FASBL1005A151H	150	0.55	150	FASBL1608A121H	120	0.20	200
FASBL1005A181H	180	0.60	150	FASBL1608A151H	150	0.20	200
FASBL1005A221H	220	0.70	100	FASBL1608A181H	180	0.30	200
FASBL1005A301H	300	0.80	100	FASBL1608A221H	220	0.30	200
SB1005A501H	500	1.1	100	FASBL1608A301H	300	0.35	150
FASBL1005A601H	600	1.3	100	FASBL1608A501H	500	0.40	150
FASBL1005A801H	800	1.4	50	FASBL1608A601H	600	0.45	100
FASBL1005A102H	1000	1.6	25	FASBL1608A801H	800	0.50	100
FASBL1005A122H	1200	1.8	25	FASBL1608A102H	1000	0.60	100
				FASBL1608A122H	1200	0.80	100
				FASBL1608A152H	1500	0.90	50
				FASBL1608A202H	2000	1.20	50

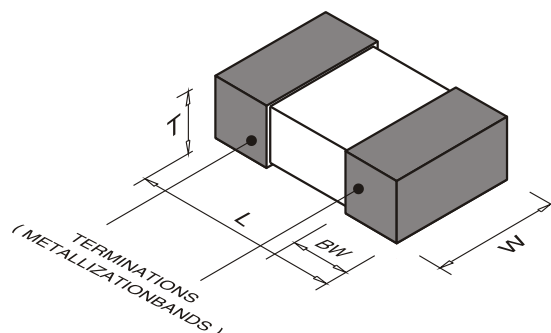
Note: 1. K= 10%, M= 20%

TECHNICAL INFORMATION

- Testing: Impedance vs. Frequency: HP 4195A
- Solderability: 90% of the terminal electrode shall be covered
- Preheat: @ 260 5 for 60 seconds
- Flux: Rosin, Dip for 10 seconds 1 second
- Thermal Shock: Impedance shall be within 20% of initial value when temperature is -25 and +85 for 30 minutes for each 50 cycles
- Operating Temperature: -25 to +85
- Storage Temperature: -25 to +85

PHYSICAL CHARACTERISTICS

(Refer to Size Chart Page 4)



Note: All specifications subject to change without notice.

TERMINATIONS METALLIZATION BANDS