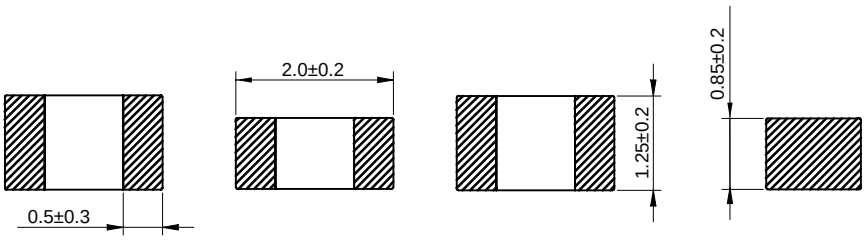
Chip Ferrite Bead SMD Type
Size 0805

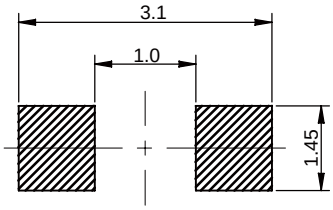


- Noise reduction solution for general signal line.
- Various frequency characteristics with 2 materials of different features for countermeasures against everything from general signals to high-speed signals
- AEC-Q200 qualified
- Operating temperature:-55°to +150°C
- Quantity: 4000pcs

Dimensions: [mm]



Land Pattern: [mm]

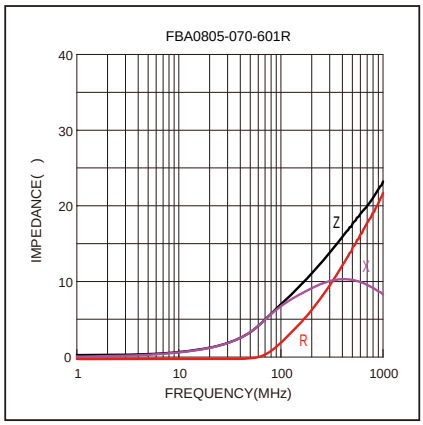


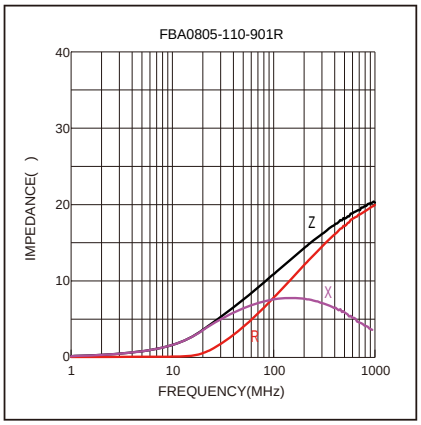
Electrical Properties:

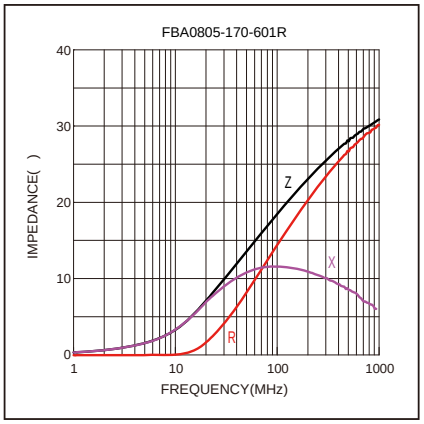
Part No	Impedance @ 100MHz (Ω)	Tolerance	DC Resistance Max. (Ω)	Temperature Rise Current Max. (mA)
A0805-070-601R		±25%	0.10	600
FBA0805-110-901R	11	%	0.10	900
FBA0805-170-601R	17	±25%	0.10	600
FBA0805-260-601R	26	±25%	0.10	600
FBA0805-300-601R	30	±25%	0.10	600
FBA0805-400-601R	40	±25%	0.10	600
FBA0805-600-901R	60	±25%	0.10	900
FBA0805-121-801R	120	±25%	0.20	800
FBA0805-151-801R	150	±25%	0.20	800
FBA0805-221-751R	220	±25%	0.30	750
FBA0805-301-701R	300	±25%	0.30	700
FBA0805-471-701R	470	±25%	0.35	700
FBA0805-601-501R	600	±25%	0.40	500
FBA0805-102-401R	1000	±25%	0.45	400
FBA0805-102-501R	1000	±25%	0.35	500
FBA0805-152-351R	1500	±25%	0.50	350
FBA0805-202-251R	2000	±25%	0.60	250
FBA0805-202-401R	2000	±25%	0.60	400

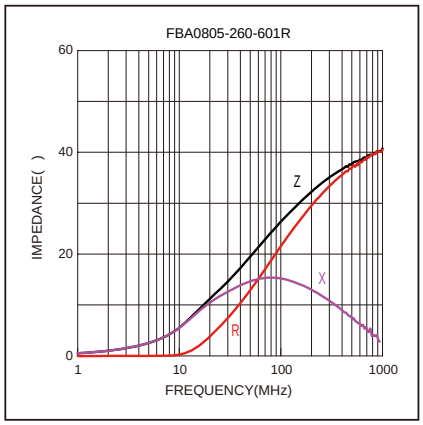
refering to 20K self-heating above ambient temperature

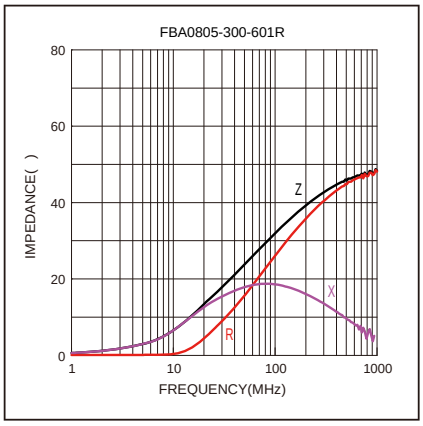
Typical Electrical Characteristics:

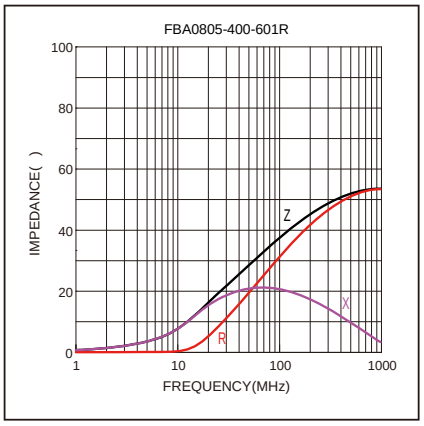


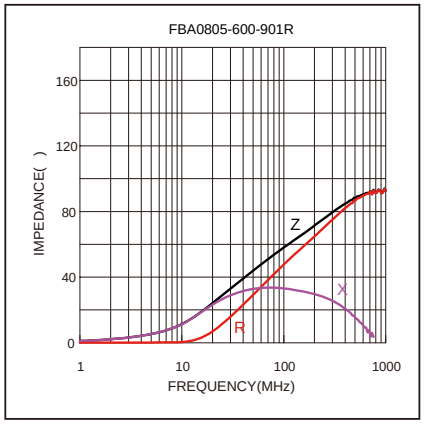


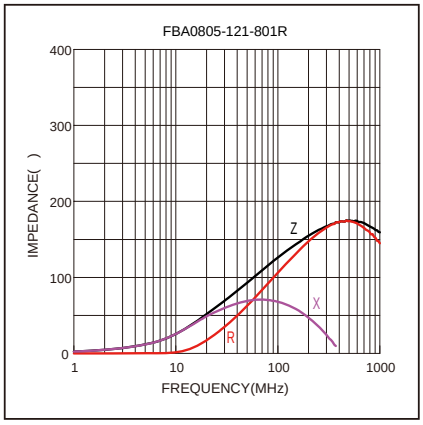


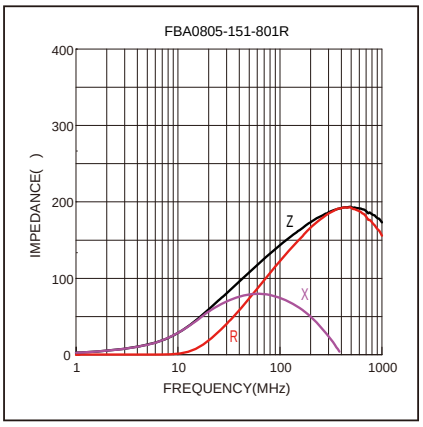


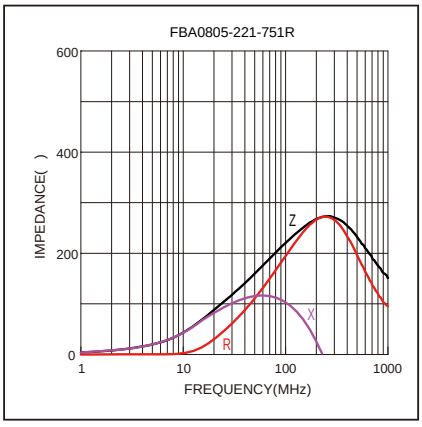


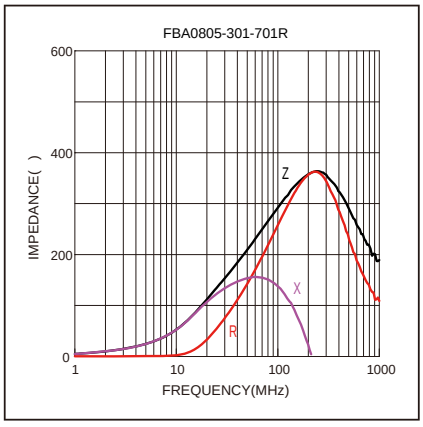


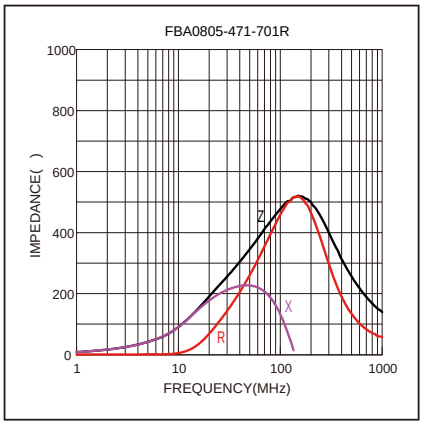


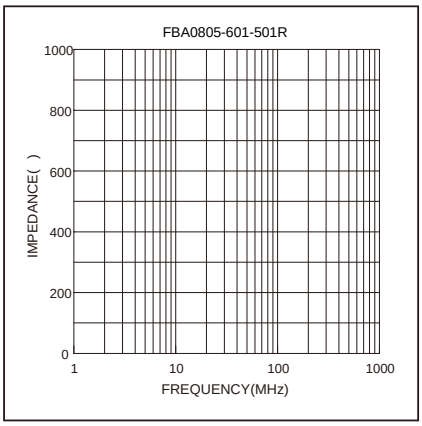


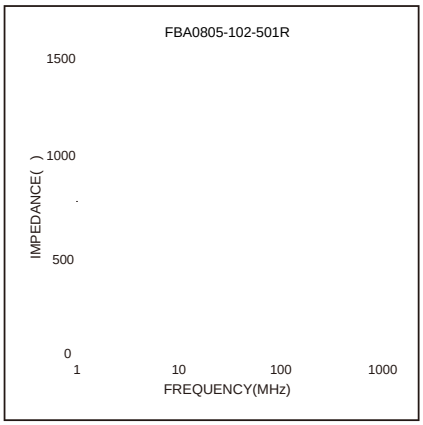









FBA0805-601-501R
1000
800
600
400
200
0
IMPEDANCE( )
1
10
100
1000
FREQUENCY(MHz)


FBA0805-102-501R
1500
1000
500
0
IMPEDANCE( )
1
10
100
1000
FREQUENCY(MHz)

Soldering Reflow:

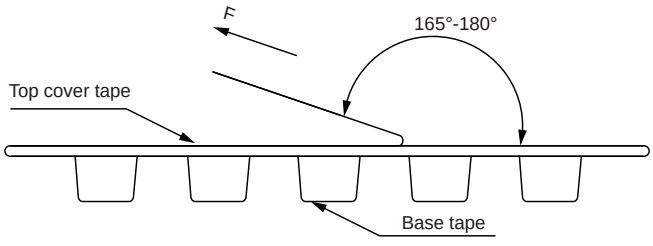
Packaging Information:

Tape Dimension:



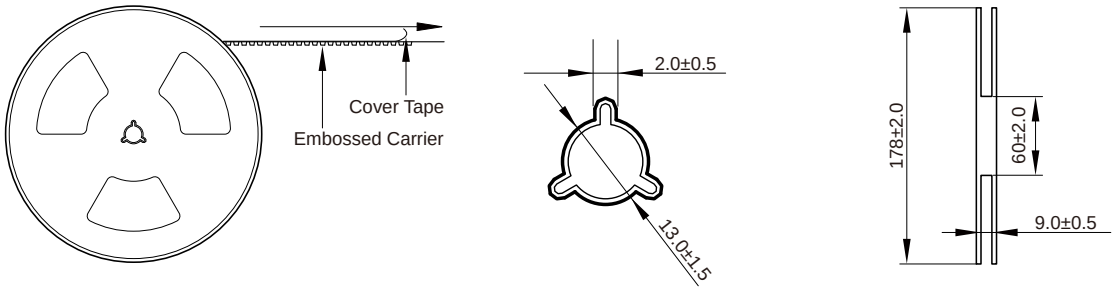
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
0805	1.30±0.05	2.10±0.05	1.5±0.1	4.0±0.1	4.0±0.1	8.0±0.3	0.95±0.05	1.75±0.1	0.95±0.05

Peel force of top cover tape:

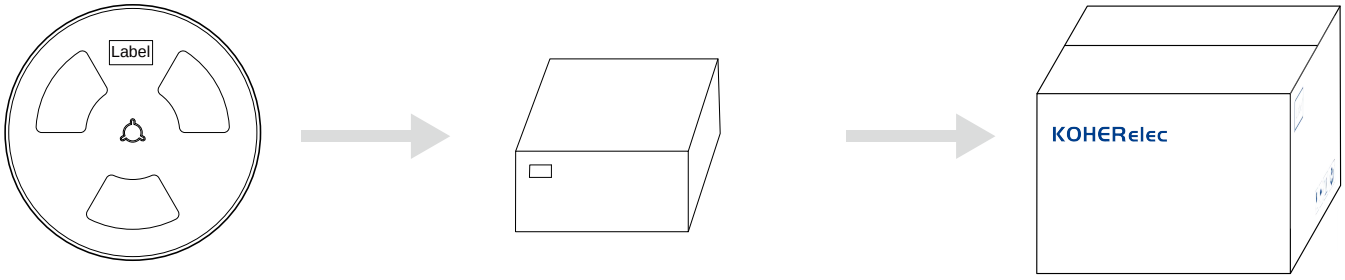


The peel force of top cover tape shall be between 0.14 to 0.58 N

Reel Dimension：[mm]



Packaging Quantity:



4000 Pcs/Reel

5 Reel /Inner box(20K Pcs)

8 Inner box/Carton box(160K Pcs)

Cautions and Warnings:

Storage Conditions：

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max).If the storage period elapses, the soldering of the terminal electrodes may deteriorate.The warranty period is one year.
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and etc.
- Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

Operation Instructions:

- Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design.
- Before soldering, be sure to preheat components.The preheating temperature should be set so that the temperature difference between the solder temperature and chip temperature does not exceed 150°C.
- Soldering corrections after mounting should be within the range of the conditions determined in the specifications.If overheated, a short circuit, performance deterioration, or lifespan shortening may occur.
- Generally, Koher might not be familiar with either customer's specific application or actual requests as customer does.As a result customer shall be responsible for checking and confirming whether Koher product with the performance described in the product specification is suitable for using in customer's particular application or not.