

FBHA Series
Chip Ferrite Bead High Current Type
Size 0603

Part No.	Z @ 100 MHz (Ω)	Tolerance	R _{DC} (Ω)	I _R (mA)
FBHA0603-260-602R		%	0.01	6000
FBHA0603-300-302R	30	%	0.04	3000
FBHA0603-300-602R	30	%	0.01	6000
FBHA0603-800-302R	80	%	0.04	3000
FBHA0603-101-302R	100	%	0.04	3000
FBHA0603-121-202R	120	%	0.10	2000
FBHA0603-121-302R	120	%	0.04	3000
FBHA0603-151-202R	150	%	0.10	2000
FBHA0603-221-202R	220	%	0.10	2000
FBHA0603-301-102R	300	%	0.20	1000
FBHA0603-331-152R	330	%	0.10	1500
FBHA0603-471-102R	470	%	0.20	1000
FBHA0603-601-102R	600	%	0.20	1000
FBHA0603-102-102R	1000	%	0.20	1000



FEATURES

APPLICATION

referring to 40K self-heating above ambient temperature

Dimensions: [mm]

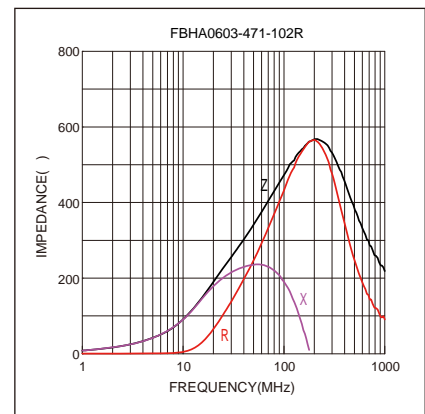
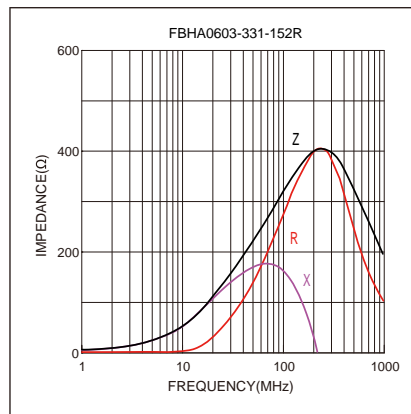
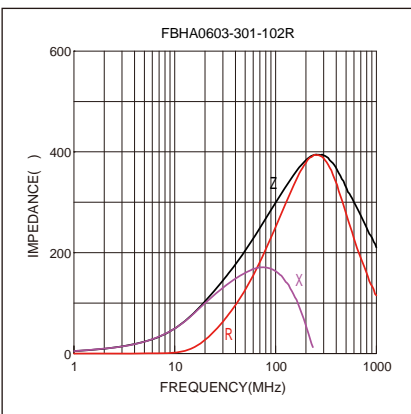
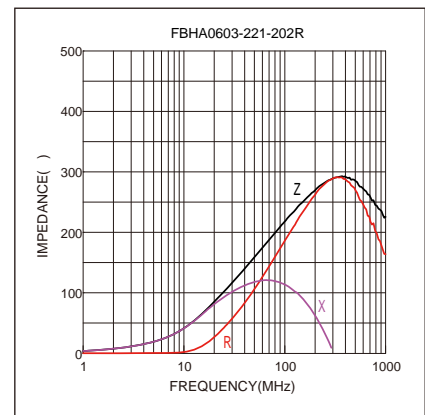
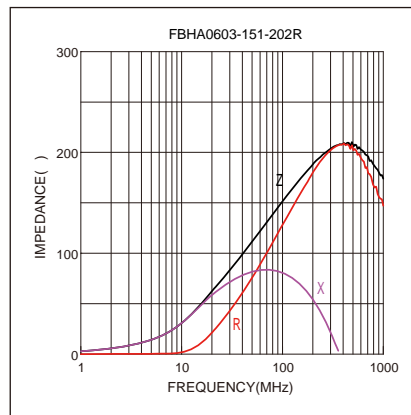
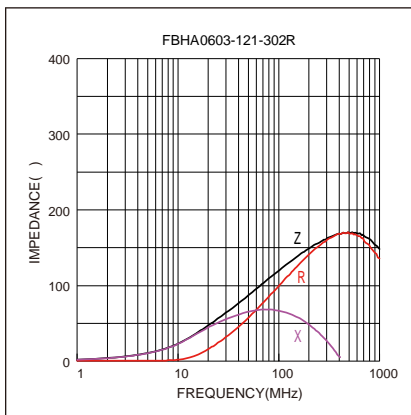
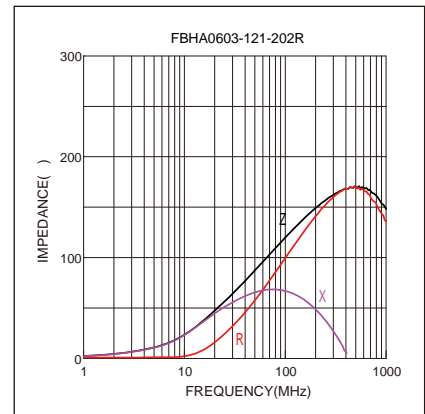
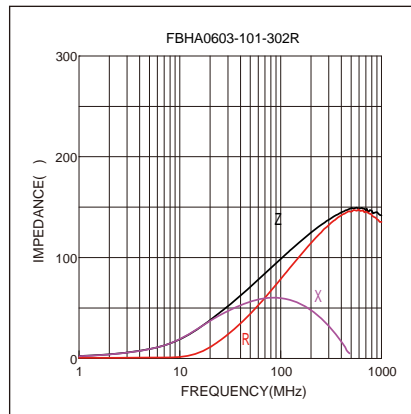
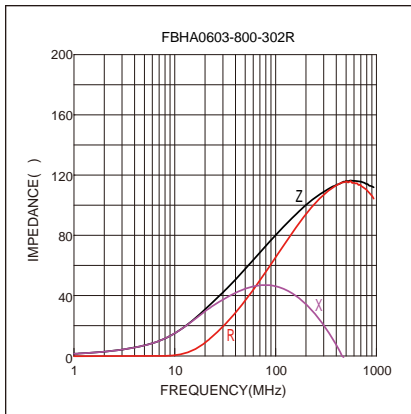
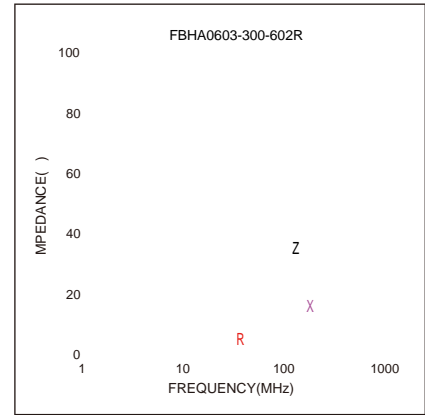
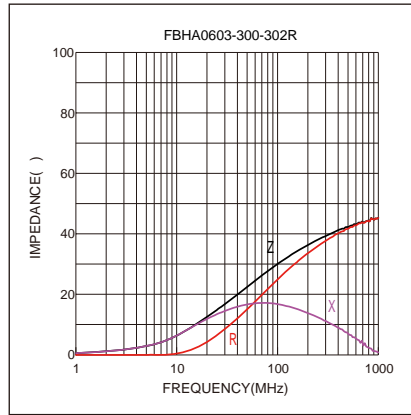
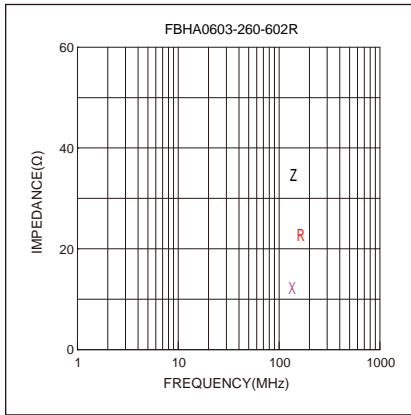
Land Pattern: [mm]

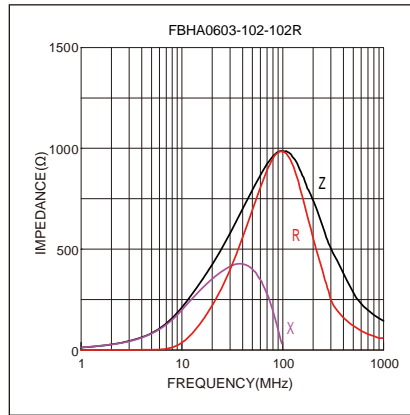
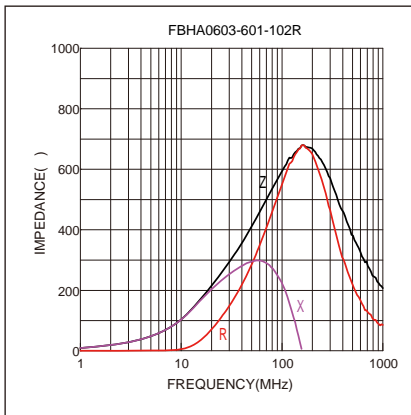


Electrical Properties:

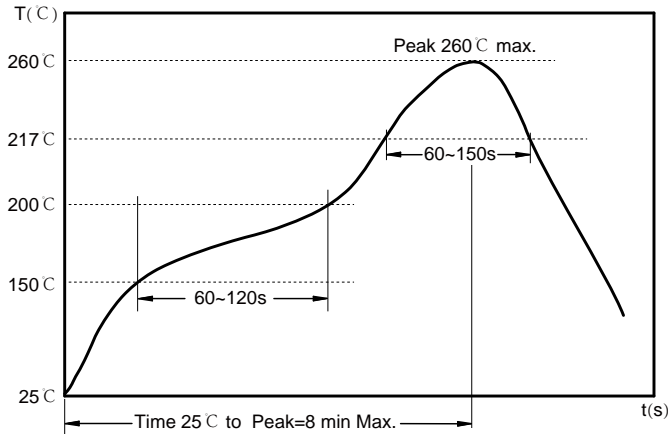
Blank area for electrical properties, consisting of several horizontal grey bars.

Typical Electrical Characteristics:





Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~120 sec.

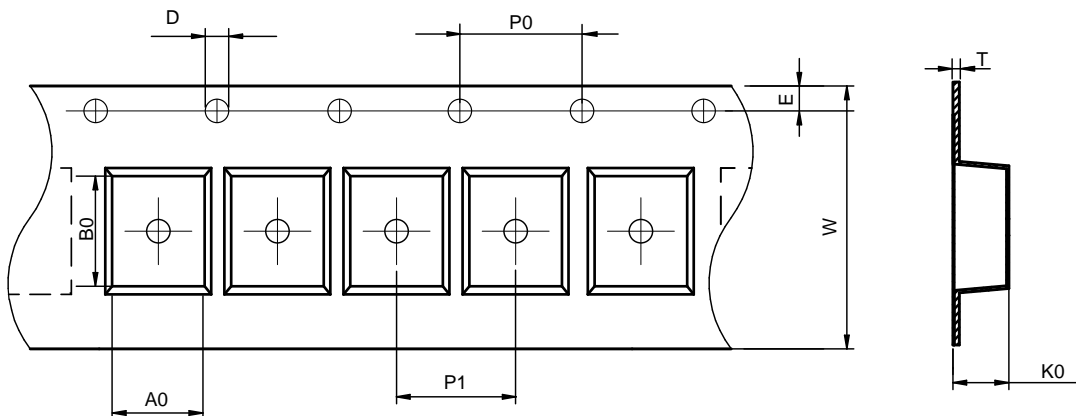
Allowed time above 217 °C : 60~150 sec.

Max temperature: 260 °C.

Allowed Reflow time: 3x max.

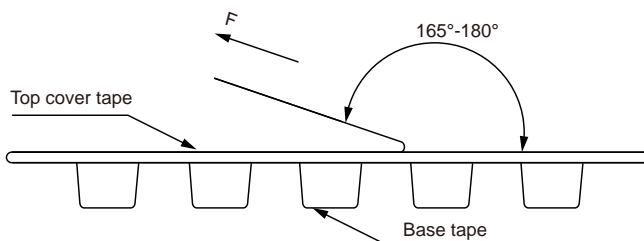
Packaging Information:

Tape Dimension:



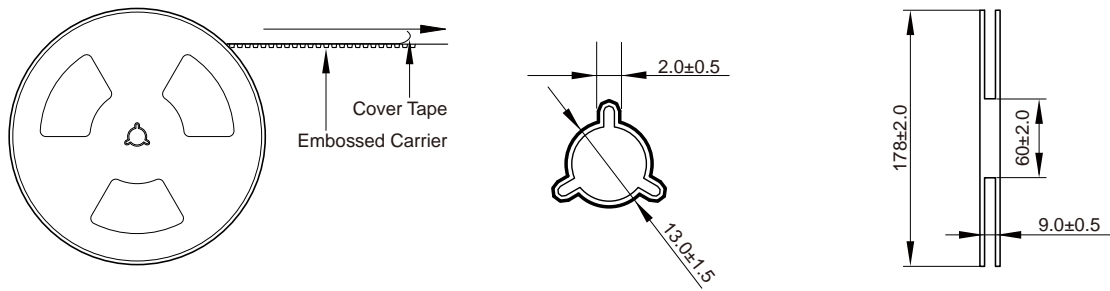
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
FBHA0603	0.96± 0.05	1.80± 0.05	1.5± 0.1	4.0± 0.1	4.0± 0.1	8.0± 0.3	0.95± 0.05	1.75± 0.1	0.95± 0.05

Peel force of top cover tape:

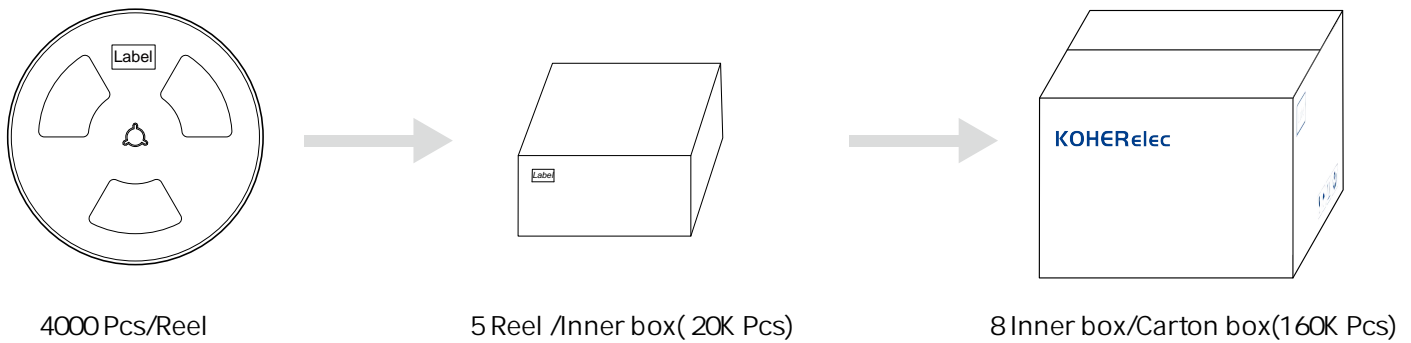


The peel force of top cover tape shall be between 0.14 to 0.58 N

Reel Dimension: [mm]



Packaging Quantity:



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.