

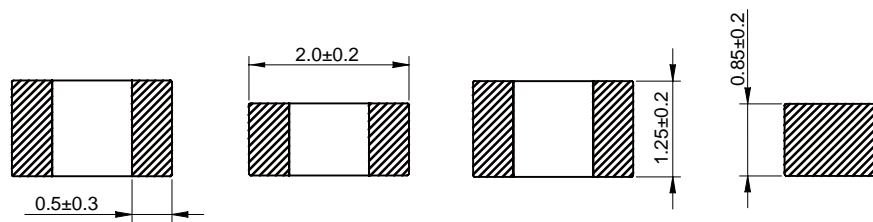
Chip Ferrite Bead High Current Type Size 0805



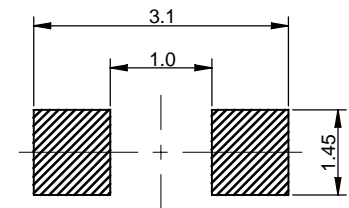
Monolithic inorganic material construction.
Closed magnetic circuit avoids crosstalk.
Suitable for reflow soldering.
Available in various sizes.
Quantity: 4000pcs

Data lines and low power lines
Connection between digital and analog circuit

Dimensions: [mm]



Land Pattern: [mm]



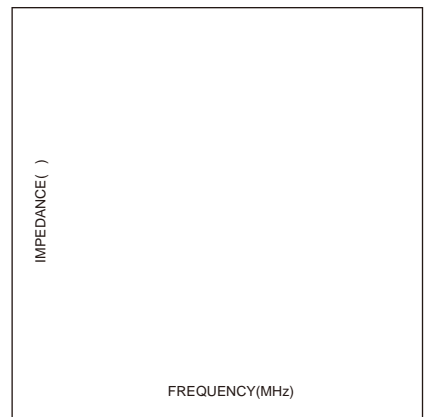
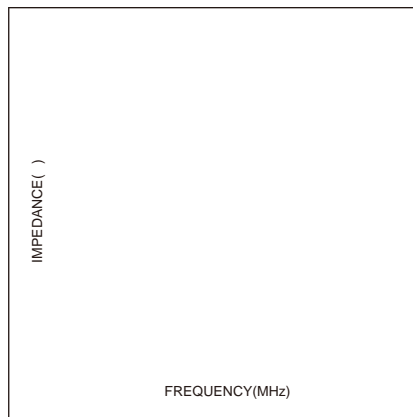
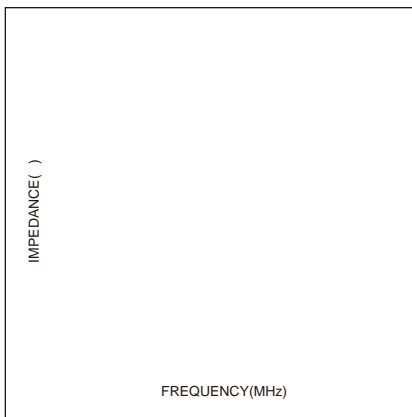
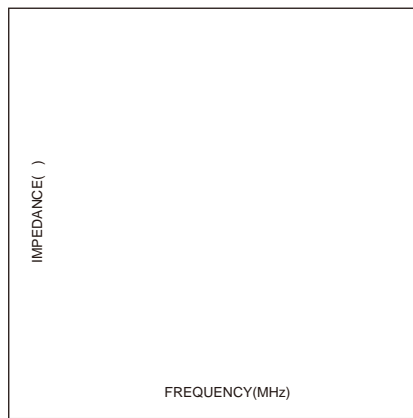
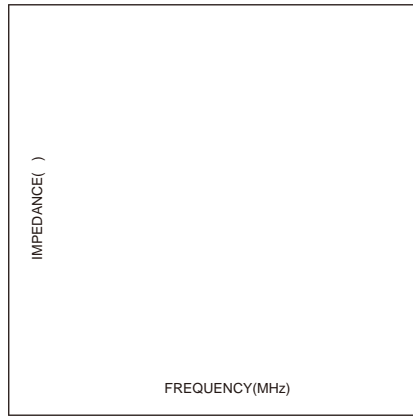
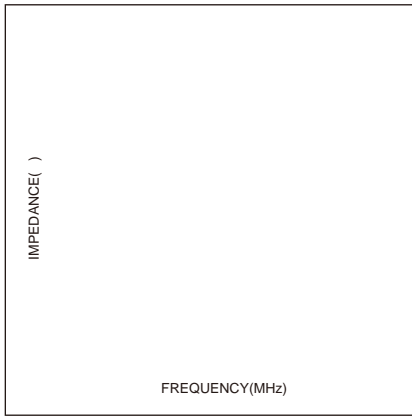
Electrical Properties:

FBHE0805-300-302R	30±25%	100	0.04	3000
FBHE0805-300-602R	30±25%	100	0.01	6000
FBHE0805-600-402R	60±25%	100	0.03	4000
FBHE0805-800-302R	80±25%	100	0.04	3000
FBHE0805-121-202R	120±25%	100	0.10	2000
FBHE0805-121-402R	120±25%	100	0.02	4000
FBHE0805-151-202R	150±25%	100	0.10	2000
FBHE0805-221-202R	220±25%	100	0.10	2000
FBHE0805-601-202R	600±25%	100	0.10	2000
FBHE0805-301-102R	300±25%	100	0.20	1000
FBHE0805-471-102R	470±25%	100	0.20	1000
FBHE0805-601-102R	600±25%	100	0.20	1000

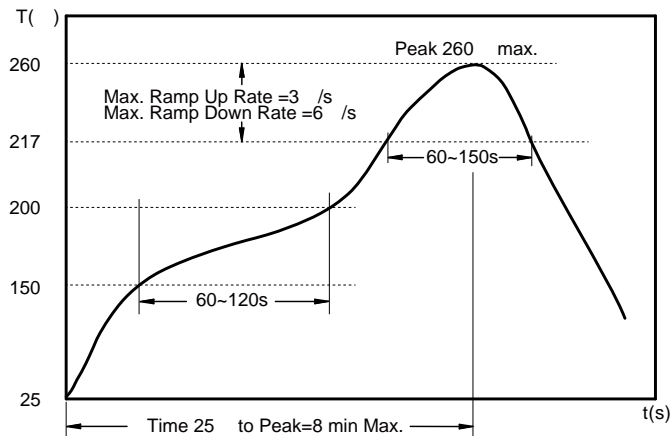
Operating Temperature: -55 ~ +125

Temperature rise current the actual value of DC current when the temperature rise is T40

Typical Electrical Characteristics:



Soldering Reflow:



Preheat condition: 150 ~200 $^{\circ}\text{C}$ / 60~120 sec.

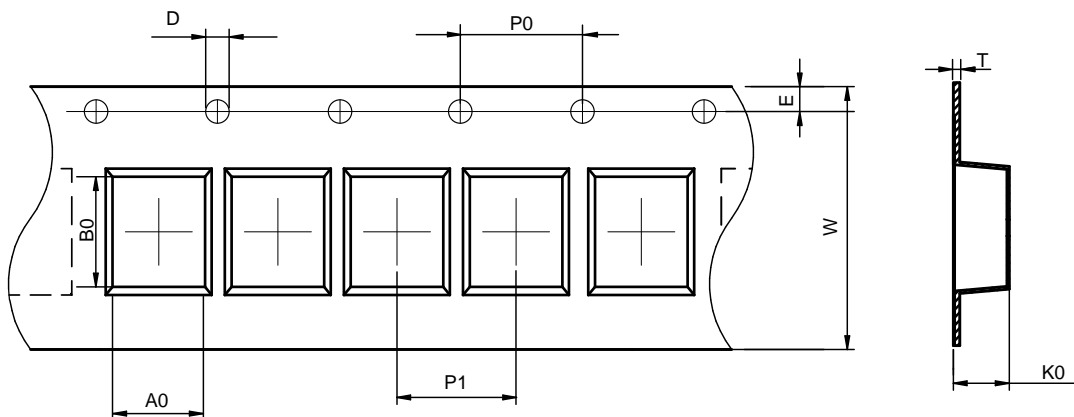
Allowed time above 217 $^{\circ}\text{C}$: 60~150 sec.

Max temperature: 260 $^{\circ}\text{C}$.

Time within 5 $^{\circ}\text{C}$ of actual Peak Temperature: 30 sec. max.

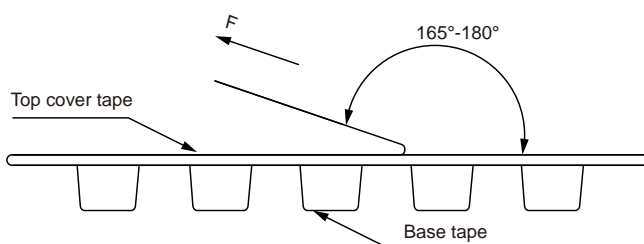
Packaging Information:

Tape Dimension :



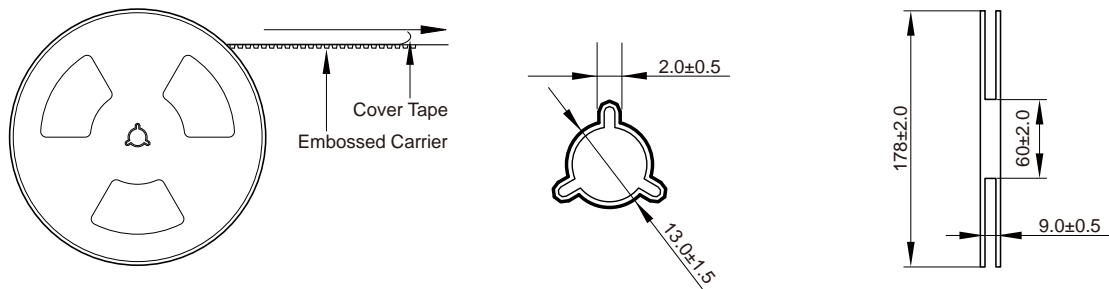
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
0805	1.3 \pm 0.1	2.1 \pm 0.1	1.5 \pm 0.2	4.0 \pm 0.1	4.0 \pm 0.1	8.0 \pm 0.3	0.95 \pm 0.1	1.75 \pm 0.1	0.95 \pm 0.05

Peel force of top cover tape:

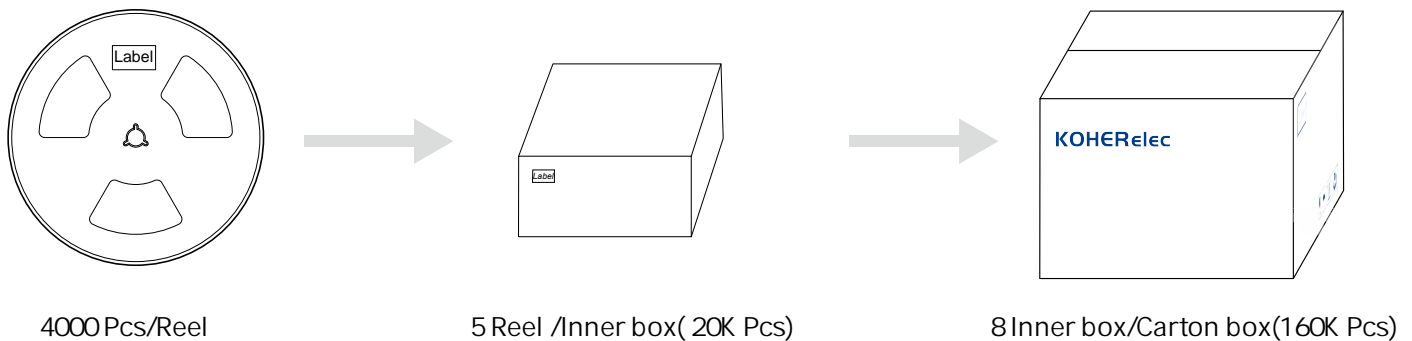


The peel force of top cover tape shall be between 0.14 to 0.58 N

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.