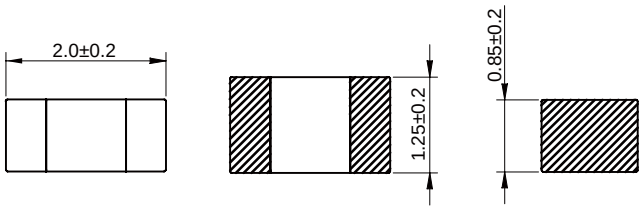
**FBHE Series**
Chip Ferrite Bead High Current Type
Size 0805

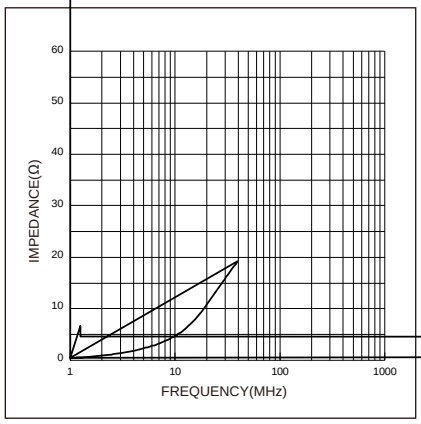
Dimensions: [mm]

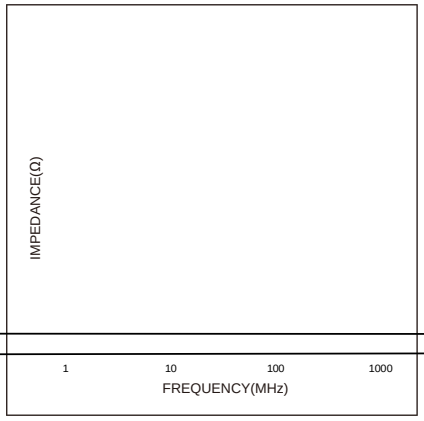



Land Patter

Electrical Properties:

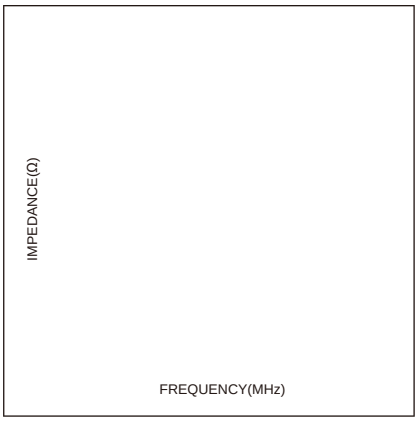
## Typical Electrical Characteristics:

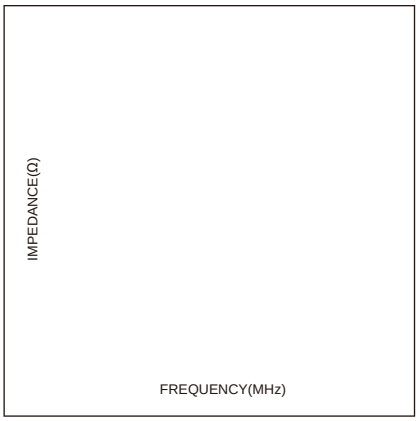








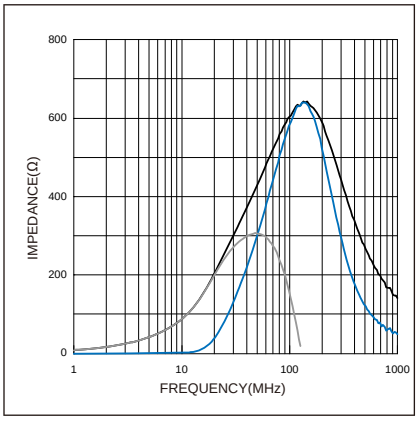













800
600
400
200
0
IMPEDANCE(Ω)
1
10
100
1000
FREQUENCY(MHz)

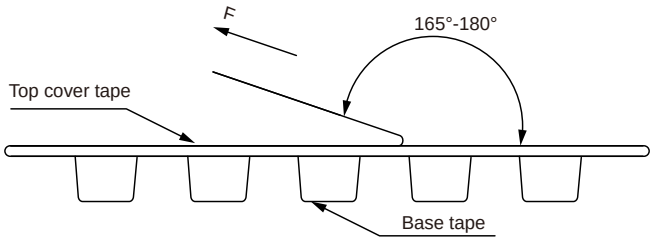
## Soldering Reflow:

## Packaging Information:

### Tape Dimension:

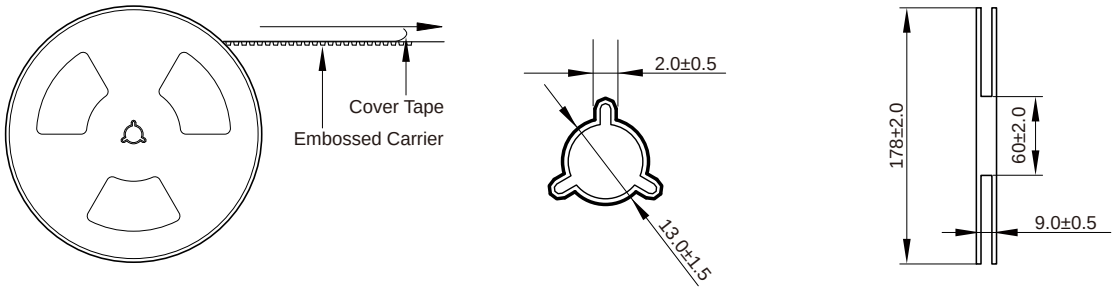
| A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | | | | |
|---|---|---|---|---|---|---|---|---|
| 1.3±0.1 | 2.1±0.1 | 1.5±0.2 | 4.0±0.1 | 4.0±0.1 | 8.0±0.3 | 0.95±0.1 | 1. 5±0.1 | 0.95±0.05 |

### Peel force of top cover tape:

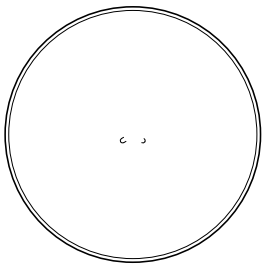



The peel force of top cover tape shall be between 0.14 to 0.58 N

## 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.