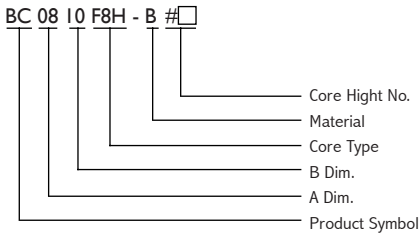


EMI PC Beads
BC TYPE

BC TYPE Series



PRODUCT IDENTIFICATION



APPLICATIONS

The PC beads mainly use in the PC board of personal computers, microcomputers and relative devices to filter the EMI from the outside.

FEATURES

- Compact
- Easy Installation
- High Performance

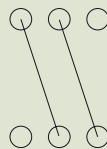
■ YAGEO the part number of lead-free products will be added "-N" after original one as identification. Ex: BC0810FBH -B# □-N

TEST INSTRUMENT

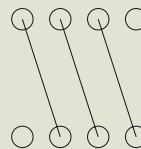
HP 4291A RF Impedance Analyzer

PRINT CIRCUIT BOARD LAYOUT

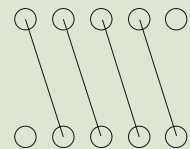
BC0810 SERIES



BC1010 SERIES



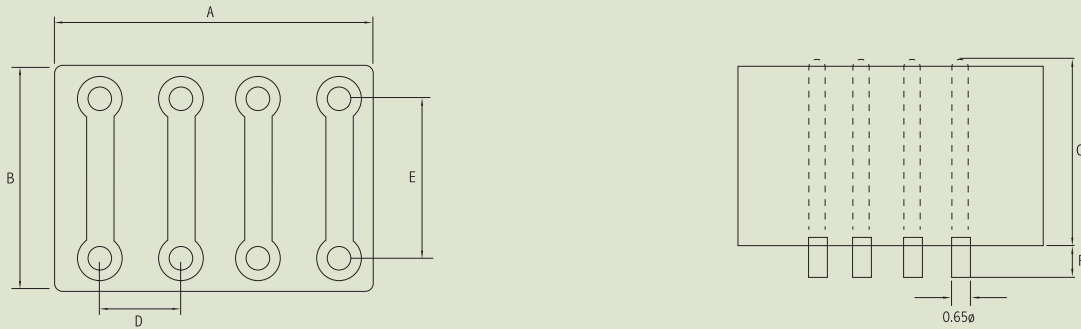
BC1310 SERIES





OUTER DIMENSIONS

Dimensions : mm



DIMENSIONS AND IMPEDANCE

| PART NUMB | LINE | A | B | C | D | E | F | Z (Ω) | | |
|-------------|------|-----------|------------|------------------|---------------------|-----------|-----------|---------------------------|------------------------------|-----|
| | | | | | | | | 25MHz | 100MHz | |
| BC0810F6H | -B#1 | 3 | 8.34±0.25 | 10.88± 0.25 | 5.19 ⁺⁰ | 2.54±0.1 | 7.62± 0.1 | 2.3 ⁻⁰ | 75 | 100 |
| | -B#2 | | | | 6.46 ⁺⁰ | | | | 100 | 140 |
| | -B#3 | | | | 7.73 ⁺⁰ | | | | 130 | 170 |
| | -B#4 | | | | 9.00 ⁺⁰ | | | | 140 | 200 |
| | -B#5 | | | | 9.47 ⁺⁰ | | | | 150 | 220 |
| | -B#6 | | | | 11.54 ⁺⁰ | | | | 175 | 270 |
| BC1010F8H | -B#1 | 4 | 10.88±0.25 | 10.88± 0.25 | 5.19 ⁺⁰ | 2.54±0.1 | 7.62± 0.1 | 2.3 ⁻⁰ | 75 | 100 |
| | -B#2 | | | | 6.46 ⁺⁰ | | | | 100 | 140 |
| | -B#3 | | | | 7.73 ⁺⁰ | | | | 130 | 170 |
| | -B#4 | | | | 9.00 ⁺⁰ | | | | 140 | 200 |
| | -B#5 | | | | 9.47 ⁺⁰ | | | | 150 | 220 |
| | -B#6 | | | | 11.54 ⁺⁰ | | | | 175 | 270 |
| BC1310F10H | -B#1 | 5 | 13.42±0.25 | 10.88± 0.25 | 5.19 ⁺⁰ | 2.54±0.1 | 7.62± 0.1 | 2.3 ⁻⁰ | 75 | 100 |
| | -B#2 | | | | 6.46 ⁺⁰ | | | | 100 | 140 |
| | -B#3 | | | | 7.73 ⁺⁰ | | | | 130 | 170 |
| | -B#4 | | | | 9.00 ⁺⁰ | | | | 140 | 200 |
| | -B#5 | | | | 9.47 ⁺⁰ | | | | 150 | 220 |
| | -B#6 | | | | 11.54 ⁺⁰ | | | | 175 | 270 |
| BC1105F8H-B | 4 | 10.88±0.5 | 5.49± 0.25 | 12 ⁺⁰ | 2.54±0.1 | 2.54± 0.1 | 2.5±0.2 | 15 ⁻⁰ @1MHz | 165 ⁻⁰ @100MHz | |