|  |  |
| --- | --- |
| Product name and model | Camera bidirectional automatic focusing motor |
| Main technical performance index of the product | Function: Auto Focus  Suitable pixel: 13M |
| Compared with the old products, what are the improvements  (structure, material, technology, process, performance, function of use) | With the increasing demand for fast autofocus and autofocus motor power consumption, the new camera bidirectional autofocus motor has the following improvements:   |  |  |  |  | | --- | --- | --- | --- | |  | Old products | New product | Utility | | Structure | General metal case | Metal housing adds metal shield | Reduce the size of the motor opening, it is advantageous to dust prevention and increase the mobile phone fixed | | Design Technique | One way automatic focusing | Two way automatic focusing | Using bidirectional stroke reduces the drive current and power consumption effectively | | Technology | The hollow coil is assembled on the carrier | The coil is wound directly on the carrier | Increased reliability, impact tolerance | | performance | Generally the optical axis is 12~15 | The optical axis is 8 | To meet the high quality and high pixel imaging applications | | Use function | Traditional coke searching algorithm is used | Can be paired with PDAF fast focus | Image focus speed is fast | |