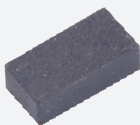


# RFID Transponder

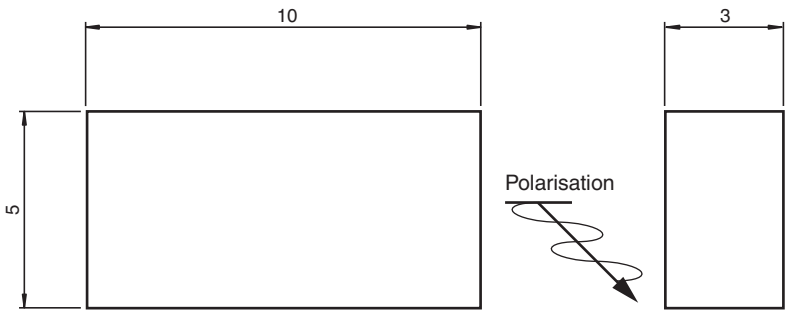
## IUC76-F204-M-FR1 10pcs



- Operating frequency 865 ... 868 MHz
- Complies with EPC Gen2 (ISO/IEC 18000-63)
- Sturdy housing, suitable for rough industrial use
- Optimized for mounting on metal

Data carrier

### Dimensions



### Technical Data

|                               |  |                         |
|-------------------------------|--|-------------------------|
| <b>General specifications</b> |  |                         |
| Operating frequency           |  | 865 ... 868 MHz         |
| Polarization                  |  | linear                  |
| <b>Memory</b>                 |  |                         |
| Chip Type                     |  | Higgs-3 (Alien)         |
| Memory Bank 00 (Reserved)     |  | 64 Bit                  |
| Memory Bank 01 (EPC/Ull)      |  | 96 ... 480 Bit          |
| Memory Bank 10 (TID)          |  | 64 Bit                  |
| Memory Bank 11 (User memory)  |  | 512 Bit                 |
| Read cycles                   |  | unlimited               |
| Write cycles                  |  | typical 100000 at 25 °C |
| Data retention period         |  | 50 years                |
| <b>Directive conformity</b>   |  |                         |
| Radio equipment               |  |                         |
| Directive 2014/53/EU          |  | EN 302208               |
| RoHS                          |  |                         |

## Technical Data

|                                  |                                 |
|----------------------------------|---------------------------------|
| Directive 2011/65/EU (RoHS)      | EN 50581                        |
| <b>Standard conformity</b>       |                                 |
| Degree of protection             | EN 60529                        |
| RFID                             | ISO/IEC 18000-63                |
| <b>Ambient conditions</b>        |                                 |
| Ambient temperature              | -40 ... 85 °C (-40 ... 185 °F)  |
| Storage temperature              | -40 ... 150 °C (-40 ... 302 °F) |
| <b>Mechanical specifications</b> |                                 |
| Degree of protection             | IP68                            |
| <b>Material</b>                  |                                 |
| Housing                          | Ceramic                         |
| <b>Installation</b>              |                                 |
| In metal                         | yes                             |
| On metal                         | yes                             |
| Mass                             | 0.9 g                           |
| Construction type                | Rectangular type                |
| Note                             | Packaging unit, 10-piece        |