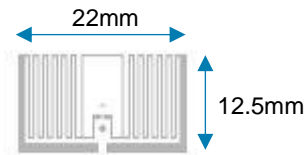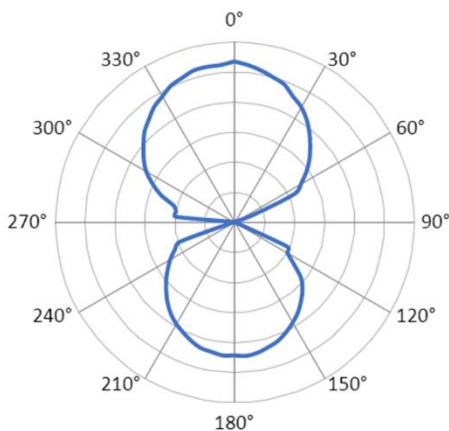# Boingtech BT713 Inlay

## Features

- Small form factor
- Pre-tested with Zebra printers and readers
- Applications: Small item tracking
- Global item – works with FCC and ETSI frequencies

## Technical Specification

- IC:  NXP UCODE 8
- Read Sensitivity:  -23dBm
- Write Sensitivity:  -18dBm
- EPC Memory:  128 bit
- User Memory:  N/A
- TID:  96 bit factory locked (48 bit unique)
- EPC Gen2v2
- Operating Temperature:  -40°C to 85°C

## Radiation Pattern



*Theoretical read range and orientation data is for guidance only.  Actual performance will depend on your application and environment.  Testing is recommended.

22mm
12.5mm

## *Theoretical Read Range (m)

| Material | ETSI (865-868 MHz) | FCC (902-928 MHz) |
|---|---|---|
| Air | 1 | 3 |
| Cardboard | 4 | 3 |
| Fiberglass | 1 | 1 |
| Glass | 1 | 1 |
| PTFE | 7 | 3 |
| Polyacetyl | 2 | 1 |
| PVC | 1 | 1 |
| Rubber | 1 | 1 |

## Testing and Compliance

All inlays certified by Zebra have been pre-tested with Zebra printers and readers

## Material Testing in End Application

The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining the product conforms to all requirements of their unique application.

## Suggested Applications

- RFID labeling

- Small item tracking

**For more information, visit www.zebra.com/rfidlabels**