

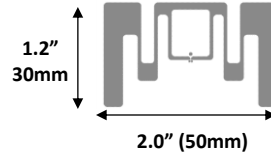


**ZEBRA**

# BoingTech BT0546 Inlay

## DETAILS

- General Purpose inlay
- Applications: Item level tracking
- Meets Auburn ARC Specs:  
A, B, C, D, F, G, I, K, L, M, N, Q, W1, W2, W3, W4, W5



## SUGGESTED APPLICATIONS

- Item level tracking



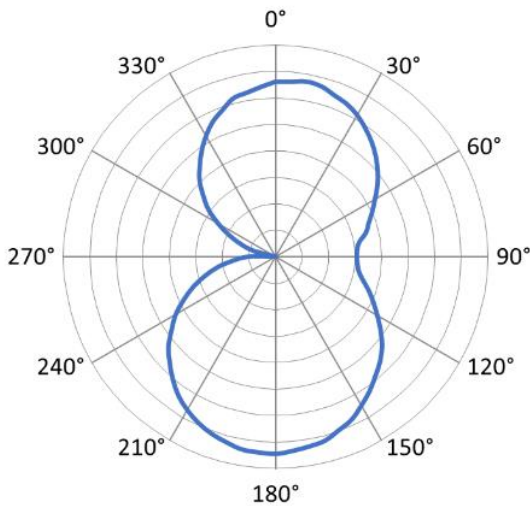
## TECHNICAL INFORMATION

- Chip: NXP UCODE 8
  - EPC memory: 128 bit
  - User memory: N/A
  - TID: 96 bit factory locked (48 bit unique)
  - Read Sensitivity: -23dBm
  - Write Sensitivity: -18dBm
  - EPC Gen2v2
- High sensitivity chip with read ranges up to 15m

## THEORETICAL \*\* READ RANGES ON VARIOUS SURFACES (m)

Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	8	7
Cardboard	8	7
Fiberglass	7	10
Glass	11	15
PTFE	8	7
Polyacetyl	7	7
PVC	7	7
Rubber	9	15

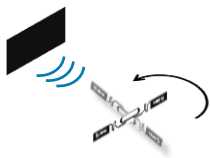
## RADIATION PATTERN\*



\* Read range drops to 0% of maximum when inlay is perpendicular (90° and 270°) to the reading antenna.

\*\*Theoretical read range data is meant to be directional. Actual performance will depend on your application and environment. Testing is recommended.

All inlays certified by Zebra have been pre-tested with Zebra printers and readers. For more information on Auburn's ARC specifications, testing, and the certification process, please go to [rfid.auburn.edu](http://rfid.auburn.edu).



For more information, visit [www.zebra.com/supplies](http://www.zebra.com/supplies)

**Product Performance and Suitability:** 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 if the product conforms to all requirements of their unique application.

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