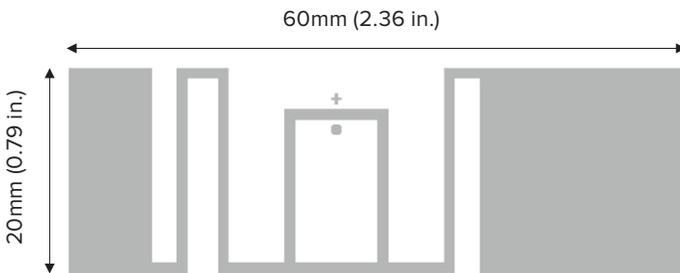*Kreski*

ZEBRA
CAPTURE
YOUR EDGE

ZBR2002 RFID Inlay

General Purpose Zebra-branded RFID Inlay

The implementation of RFID into patient and event wristbands is not straightforward.   The UHF frequency band is sensitive to water. With the human body containing up to 60% water, the inlay, as well as the design of the wristband are important to a successful RFID implementation. Designed by Zebra, the global leader in RFID, the general-purpose ZBR2002 inlay delivers industry-leading performance when used near the human body, so you can rest assured that they will efficiently and effectively encode and read, leading to a higher application ROI, and best in-class user experience. And ZBR2002 inlays are designed and tested for optimal performance with Zebra printers and RFID readers.

60mm (2.36 in.)

20mm (0.79 in.)

Designed for use near the human body
ZBR2002 measures 2.36 x 0.79 in (60 x 60 mm) and was designed specifically for use on identification wristbands on the human body to offer read ranges of up to 10m. In Healthcare, it enables caregivers to positively identify patients through a blanket at the patient's bedside or a drape in the OR – enabling immediate access to critical patient records. In Hospitality, it enables quick access management and cashless POS.

Zebra Certified for consistently exceptional performance
Zebra is ISO 9001 certified and use quality processes to reduce instances of unsuccessful encoding. We pre-test labels with Zebra readers and printers to ensure industry-leading performance. Furthermore, we use the same label material from order-to-order to safeguard consistency and quality.

Unmatched expertise in RFID
Zebra is your trusted expert in all things RFID. We offer end-to-end RFID solutions – including pre-tested RFID supplies made with the right materials and adhesives, along with the highest-performing inlays and chips – customized for your application. We have played a central role in pioneering RFID technologies and defining global standards since the mid-1990's, when smart-label technology first appeared. We were recognized as the #1 RFID brand by the 2018 RFID Journal's Brand Report. And we hold more than 575 RFID patents and numerous industry firsts in RFID.

Zebra ZipShip — on the shelf and ready to ship
Need an RFID wristband in a hurry? Our Z-Band Direct RFID wristband, containing our ZBR2002 inlay is in stock and ready for immediate dispatch as part of our ZipShip program. You get fast shipment and the minimum order is just one box.

Kreski

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

**Improve Accuracy and Efficiency with Z-Band UltraSoft UHF RFID Wristbands featuring the ZBR2002 Inlay for Patient Identification in Hospitals and Guest Identification at Events.
For more information, please visit www.zebra.com/wristbands**

Specifications

Technical Information

Chip	NXP UCODE 8
EPC Memory	128-bit
User Memory	N/A
TID	96 bit factory locked (48 bit unique)
Read Sensitivity	-23 dBm
Write Sensitivity	-18 dBm
RFID Standards	EPC Gen2v2
Read Range	Up to 18m

Theoretical Read Range: ETSI (865-868 MHz)1

Z-Band UltraSoft LR - human body	7 to 14 m when visible

Theoretical Read Range: FCC (902-928 MHz)1

Z-Band UltraSoft LR - human body	5 to 10 m when visible

Testing and Compliance

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

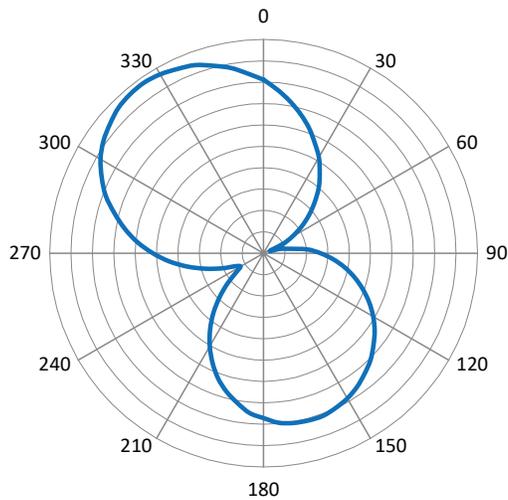### Material Testing in End Application

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 if the product conforms to all requirements of their unique application.

Radiation Pattern

**Read range drops to 12% of maximum when inlay is perpendicular (90° and 270°) to reading antenna. To learn more about radiation pattern, visit zebra.com/rfidlabels

Footnotes

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

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl