



MR2U8 RFID Inlay Product Spec Sheet

Applications

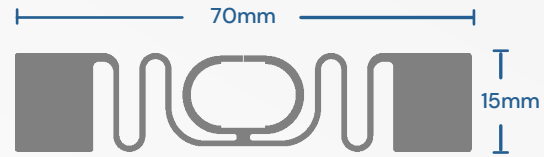
Apparel - Baggage - Boxed Items - Denim - Footwear - Logistics
Pallet - Polybags - Retail

Key Benefits

- ✓ Pre-Serialization of 96 bit EPC
- ✓ Excellent Performance
- ✓ Compact Antenna Size
- ✓ Robust Performance on Variety of Materials
- ✓ Global Frequency Coverage

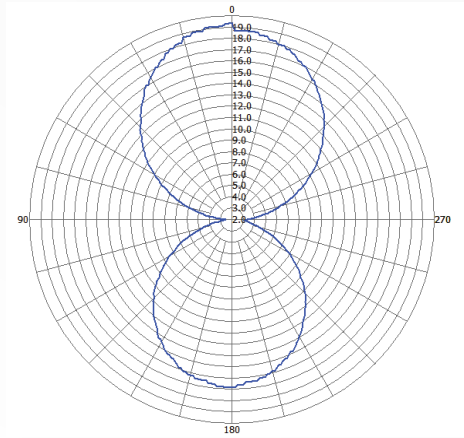
Technical Features

Antenna Size / Web Width	68 X 14 mm [2.68 X 0.551 in] / 76 mm [2.992 in]
Integrated Circuit (IC) Type	NXP UCODE 8
Operating Frequency	860 - 960MHz
RF Communications Protocol	ISO/IEC 18000-63 and EPC Global Class 1 Gen2
ARC Approved Spec	Pending
Chip Memory	128 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
Read Sensitivity	-23 dBm
Write Sensitivity	-18 dBm
Operating Temperature	-5°C to 60°C / 23°F to 140°F
Operating Humidity	20% - 60% RH

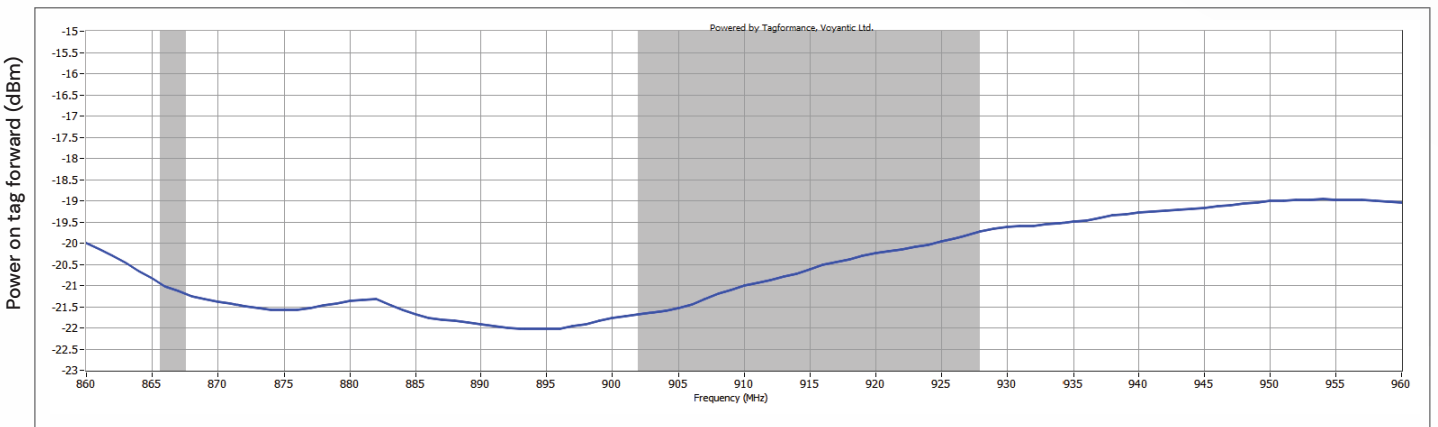


MR2U8

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



For more information, please contact us at sml.com/requestinfo.



This product should be tested by the customer / user thoroughly to ensure conformity to any particular requirements. We do not represent that this product is fit for any particular purpose or use. We reserve all rights to modify, supplement, substitute or discontinue product offerings at any time without notice. The information contained herein is for pure guidance but contains no representation concerning the accuracy or correctness of the data.