



MAZEU8 RFID Inlay

Product Spec Sheet



Powering Brands of Tomorrow™

Applications

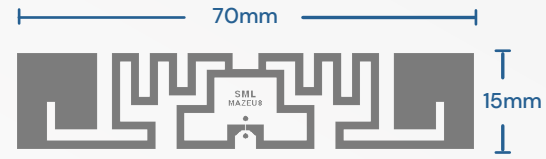
Apparel - Baggage - Boxed Items - Denim - Footwear - Logistics
Pallet - Polybags - Retail

Key Benefits

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

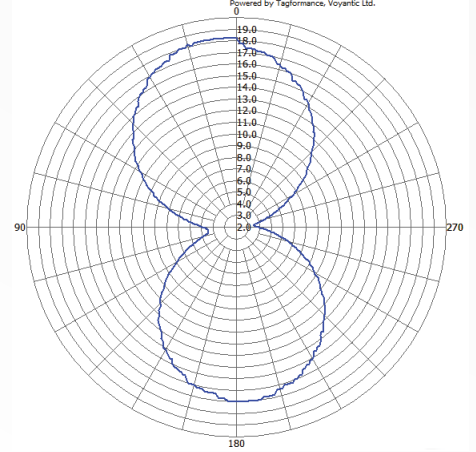
Technical Features

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	F, I, K, M, N, Q, G, L, W1, W2, W3, W4, W5, W6
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

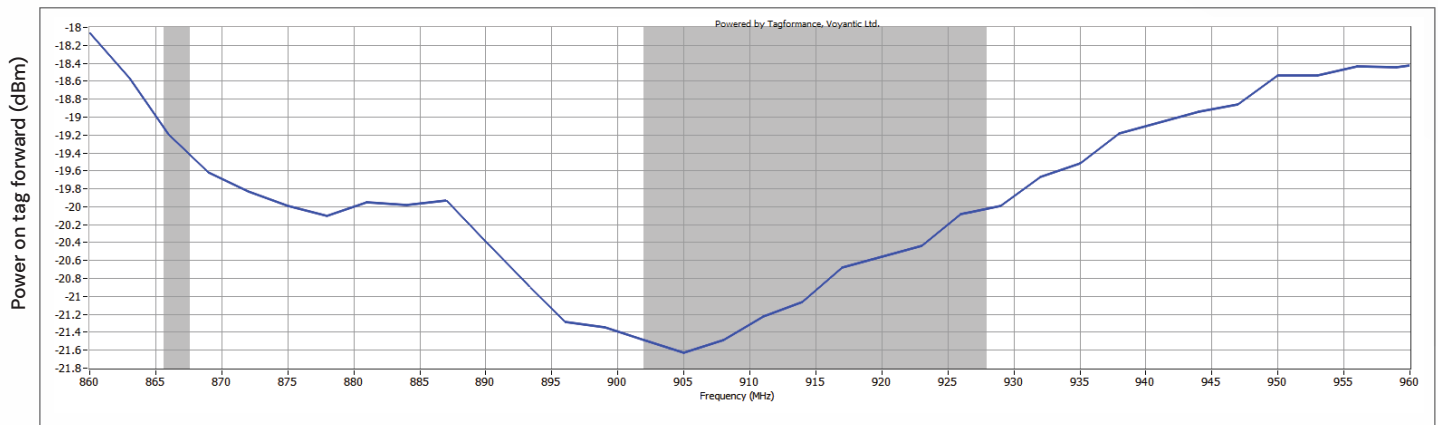


MAZEU8

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



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



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