



MR7U9 RFID Inlay

Product Spec Sheet

Applications

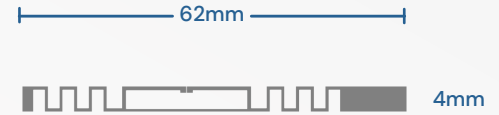
Accessories - Bottled Liquids - Cosmetics - Item/Asset Tracking
Homeware

Key Benefits

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

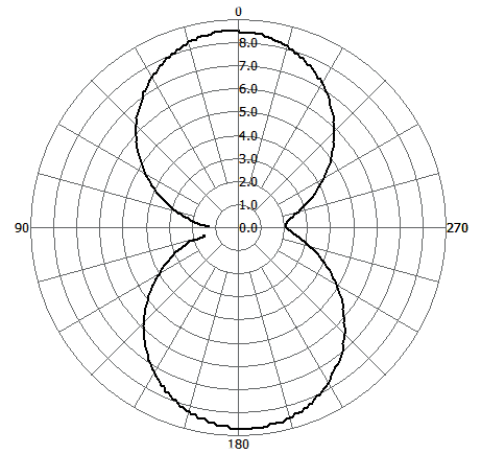
Technical Features

Antenna Size / Web Width	62 X 4 mm [2.44 X 0.16 in] / 76 mm [2.992 in]
Integrated Circuit (IC) Type	NXP UCODE 9
Operating Frequency	860 - 960MHz
RF Communications Protocol	ISO/IEC 18000-63 and EPC Global Class 1 Gen2
ARC Approved Spec	Pending
Chip Memory	96 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
Read Sensitivity	-24 dBm
Write Sensitivity	-22 dBm
Operating Temperature	-5°C to 60°C / 23°F to 140°F
Operating Humidity	20% - 60% RH

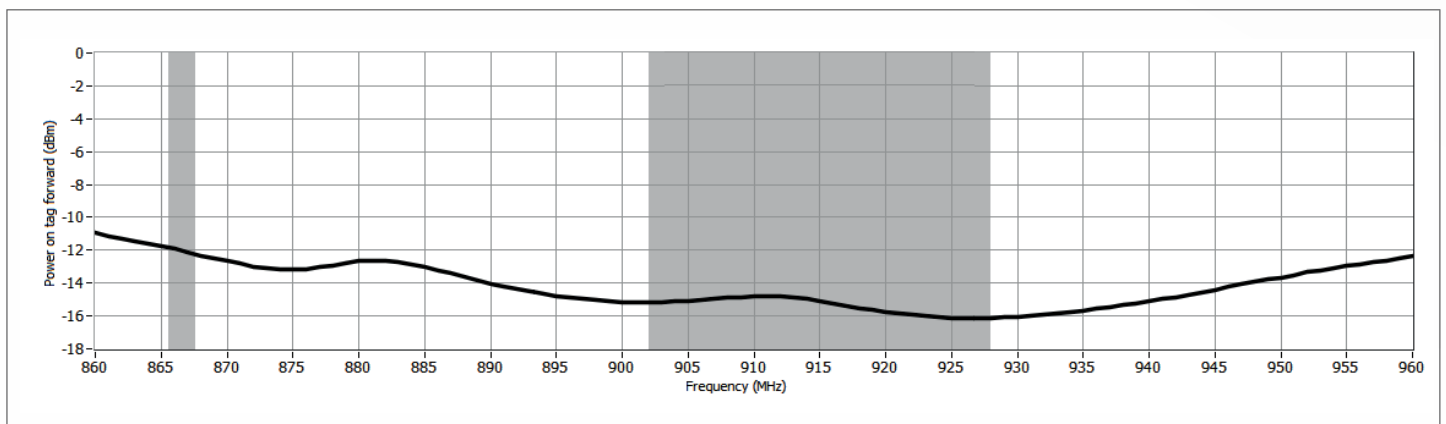


MR7U9

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



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



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