SML Product Spec Sheet

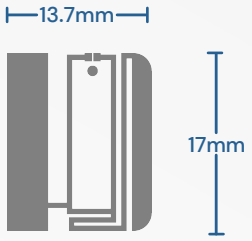
MR9R6 RFID Inlay

Applications

Accessories - Cosmetics - Homeware - Jewelry
Jewelry - Metallic Items - Supply Chain Management

Key Benefits

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

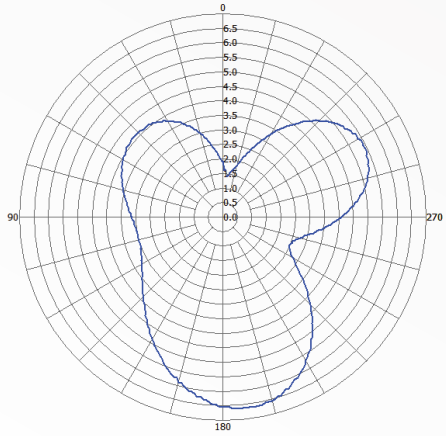


MR9R6

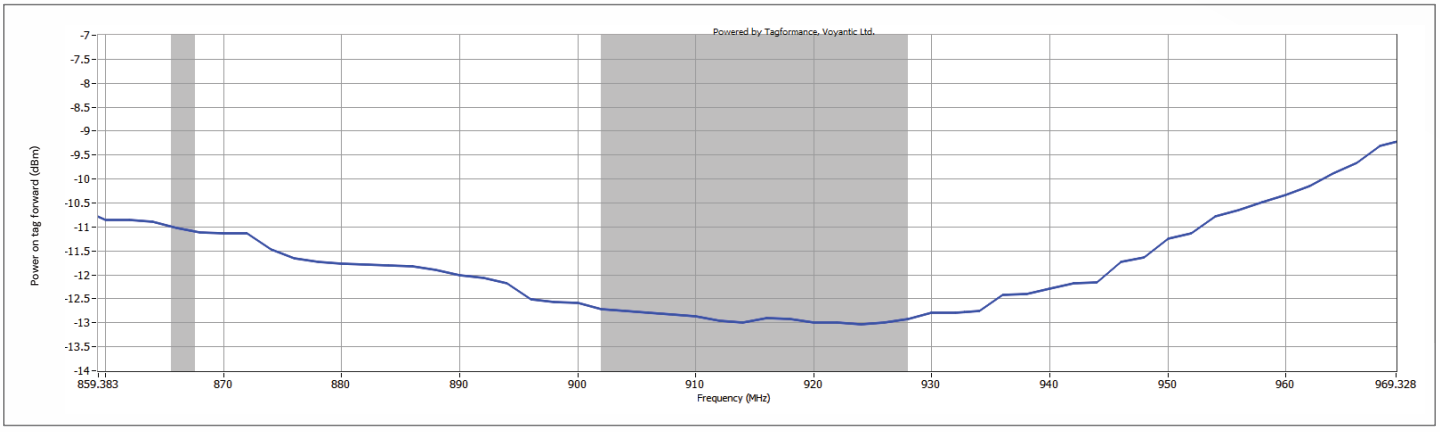
Technical Features

Antenna Size / Web Width	13.8 X 17 mm [0.54 X 0.67 in] / 55 mm [2.17 in]
Integrated Circuit (IC) Type	Impinj Monza R6
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 96 bit EPC, Broad Bandwidth
Read Sensitivity	-21 dBm
Write Sensitivity	-16 dBm
Operating Temperature	-5°C to 60°C / 23°F to 140°F
Operating Humidity	20% - 60% RH

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



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

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