

# PRODUCT DATASHEET

## Overmolded Metal Tag – D10

### Small-sized RFID Tag for Metal Item

Overmolded Metal Tag features its ultra small size in just 10mm diameter. The tag is built with Industrial-grade plastic to withstand harsh conditions. It can be mounted on items with metal surface by using adhesive or put in product identification purpose.

### Features

- Ultra Small size
- IP68 rated
- On-metal application



### Applications

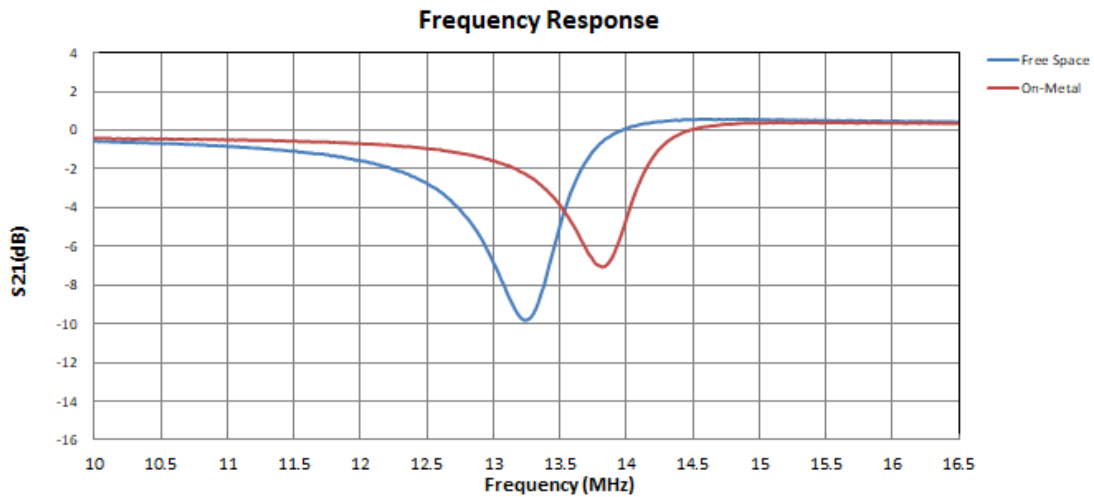
- Item-level Tracking
- Asset Management

### RF Specification

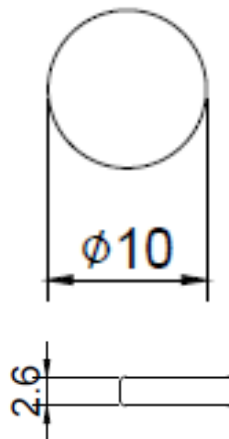
<b>IC Type</b>	NXP I CODE SLIX
<b>Memory</b>	UID 64 bit User memory 896 bit
<b>RF Interface Protocol</b>	ISO 15693 / ISO 18000-3
<b>Operating Frequency</b>	13.56 MHz
<b>Applicable Surface</b>	On - Metal

### Environmental Resistance

<b>Operating Temperature</b>	-25°C to +55°C
<b>Storage Temperature</b>	-40°C to +80°C
<b>Weight</b>	0.4g
<b>Warranty</b>	One Year



\*HF sensitivity shown in the figure is measured by Testram T8200UD Loop Antenna 10phi. Actual sensitivity performance is subject to the environment in practice.



Physical Specification	
<b>Color</b>	Black
<b>Material</b>	Nylon
<b>Size</b>	D 10 mm/ 0.39 in Thickness 2.6 mm/ 0.10 in <small>*The exact size is mainly based on metric unit.</small>
<b>IP Rating</b>	IP68
<b>Attachment</b>	Adhesive

Ref. No: Digi-Key / 420640527-01088

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