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# SHIELDLAM

High on Robustness and Convenience



The SHIELDLAM is a composite product with integrated shielding material that demonstrates high performance. It allows the convenience of contactless data transmission in the presence of metal and other materials that normally interfere with RFID reception, such as mobile phone batteries and metallic housings.

Attachable to phones and a broad range of further everyday items, the product is suited for applications such as access control, contactless payment, and automated fare collection. In addition, it can be customized and is available in various form factors. This makes it a flexible, convenient and secure solution.

The LINXENS SHIELDLAM is made from PVC material. It is manufactured with the company's proprietary patented wire-embedding technology, to fulfill the highest requirements in terms of reliability, durability and mechanical robustness.

## Overview

**Operating Frequency**  
13.56 MHz

**Operating Temperature**  
-25°C to +50°C

**Material**  
PVC

## International Standards

- ISO 14443

## Application Area

- Access Control
- Automated Fare Collection
- Contactless Payment

## Options

- Initialization / customized programming of data



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Operating Frequency	Dimensions	Operating Temperature	Available IC
13.56 Mhz	From 3 x 6 up Max. 580 x 705 mm	-25°C to +50°C	Infineon Inside NXP Sony

Other chip types are available upon request.