RUGGED
ABS EPOXY DISC
ON METAL
LF RFID TAG
Ø 12 x 2.2 mm
125 kHz
DeFacto Standard

Product:	Industrial Low Frequency RFID DISC TAG for indoor or outdoor applications.	
RFID Chips Options:	EM4200 / 4102, Hitag S256 / S2048 (ATA5577 and other on request)	
Read Range:	1...20 mm	(Depends on RFID IC type and reader power)
Frequency:	125 kHz ± 6 kHz	(At room temperature 20°C)
ISO Standard:	125 kHz DeFacto Standard	
Dimensions / Weight:	Ø 12mm x 2.2 mm	1 g
Material / Colour:	ABS potted with epoxy	Black
Protection Class:	IP68	Resistant to continuous exposure of salt water / motor oil for 2 hours. Abrasion resistant to HCL and IPA.
Minimum Order Quantity:	1000 pieces	
Operating / Storage Temperature:	-40°C ... + 65°C	-40°C ... + 85°C
Certification / Other:	CE	RoHS ✔
Part Description:	Ø 12x2.2mm-ABS-EPOXY-POTTED-TAG-BLACK-LF-EM4200 Part-No.: 123456832	Other diameter (Ø 20 mm, Ø 25 mm, Ø 30mm, Ø 50 mm etc.) and RF Chip versions are available on request

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Rev. 01

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Options:

- Other diameter version are available
- Single sided adhesive version is available
- Other Frequency (HF, NFC, UHF) on request
- Customised printing
- Serial Number printing
- UID Number printing

This RFID transponder Disc is used by system integrators or endusers in LF 125 kHz RFID systems.

Applications:

- ON Metal surface identification
- Rugged environment identification
- Embedding in all kind of objects
- Waste Bin ID
- Your application

Version

Ø 30 mm x 3 mm

with Ø 3 mm hole

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