



# iDisc LF

## MECHANICAL DIMENSIONS

• Diameter	20/30/50mm +/-0.3 mm
• Thickness	3mm/3mm/3.65mm +/-0.2 mm
• Hole	no hole/5,2mm +/- 0,2mm

## MATERIAL

- Polyamide with glass fiber

## COLOUR

- Black

## WEIGHT

- 1,7g typical, 3,7g typical, 11,2g typical

## INTEGRATED CIRCUITS (\*OTHERS UPON REQUEST)

• NXP	HitagS 256	256 bit R/W
• EM	EM4102	64 bit RO
• EM	EM4305	512 bit R/W

## OPERATING FREQUENCY

- 125 kHz +/-5kHz

## OPTIONS

- Customized embossed logo on lots of 50k

## STORAGE TEMPERATURE

- -35°C to +100°C

## OPERATING TEMPERATURE

- -35°C to +85°C

## SHOCK TEMPERATURE

- -35°C to +100°C ( 500 times 15 min with transition time of 50s)

## PEAK TEMPERATURE

- 150°C (60min) – functional test ok

## WATERPROOFNESS

- IP68 (50m, 24h)

## CHEMICAL RESISTANCE

- 5% Sodium Chloride – 24h
- 5% Sodium Carbonate – 24h
- 5% Acetic acid – 24h
- Gasoline – 24h
- Hot Oil 150°C – 15mins

## APPLICATION SPECTRUM

- Industrial and Logistics (palette, tool, box....)



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