

iDisc 20mm HF



MECHANICAL DIMENSIONS

DIAMETER 20mm ± 0.3 mm

THICKNESS 3mm ± 0.2mm

MATERIAL

Polyamide with Glass fiber

COLOUR

Black

WEIGHT

1.7 g typical

INTEGRATED CIRCUITS

* others upon request

NXP

I-Code SLI

1K bit R/W

ISO 15693

OPERATING FREQUENCY

14.5 MHz +/-0.5 MHz

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

200°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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