

Preliminary Data Sheet



IN Tag 200 Hitag S

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|---------------------|--|-----------------------|---------------------------------------|
| Chip type: | Hitag S – read / write 2kbits, 256 bits, or read only 32 bits | | * Test conditions and remarks |
| Physical: | Diameter: | 20.0 mm ± 0.5 mm | |
| | Thickness: | 2.5 mm ± 0.5 mm | |
| | Weight: | 1.3g | |
| | Material: | PA6 Modified - SOK001 | |
| | Color: | Black | |
| Electrical: | Operating frequency: | 125 kHz ± 6 kHz | * At room temperature |
| Chemical: | Water immersion IP68 | | * 20°C, 24h, 1m |
| | Refer to the application note "PA6 Modified - SOK001" | | |
| Mechanical: | Vibration | IEC 68.2.6 | * 10g, 10...2000Hz, 3 axis, 2.5h |
| | Schock | IEC 68.2.29 | * 40g, 18ms, 6 axis, 2000times |
| Thermal: | Storage: | -20°C to +85°C | * 1x 1000h |
| | | +140°C | * 1x 100h |
| | Shock/fatigue: | -20°C to +85°C | * 50x 10min with transposition in 30s |
| | Operating: | -20°C to +85°C | |
| Part number: | 621182 for Hitag S 32, 623182 for Hitag S 256, 624182 for Hitag S 2048 | | |

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