



WORLD TAG Hitag 2 - 20 mm

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|---------------------|---------------------------|-------------------|------------------------------------|
| Chip type: | HITAG 2 – 256 bits R/W | | * Test conditions and remarks |
| Physical: | Diameter: | 20 mm ± 0.2 mm | |
| | Thickness: | 2.15 mm ± 0.25 mm | |
| | Weight: | 0.8g | |
| | Material: | Polycarbonate | |
| | Color: | Black | |
| Electrical: | Operating frequency: | 125 kHz ± 6 kHz | At room temperature * |
| | Min. flux density: | 65µT RMS | At RT for read mode at 125 kHz * |
| Chemical: | Water immersion IP 67 | | * 20°C, 35min, 1m |
| | Aqueous solution of salts | | * 20°C, 100h |
| | Unleaded gasoline | | * 20°C, 100h |
| | Petroleum | | * 20°C, 100h |
| | Mineral and vegetable oil | | *20°C, 100h |
| Mechanical: | Axial compression: | 500N | * 10s |
| | Radial compression : | 300N | * 10s |
| | Vibration | IEC 68.2.6 | * 10g, 10...2000Hz, 3 axis, 2.5h |
| | Shock | IEC 68.2.29 | * 40g, 18ms, 6 axis, 2000 times |
| Thermal: | Storage: | -40°C to +90 °C | * 1x 1000h |
| | | +130 °C | * 1x 100h |
| | Shock/fatigue: | -25°C to +70 °C | * 50x 10min with transition in 30s |
| | Operating: | -25°C to +70°C | |
| Part number: | 609102 | | |

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