



**sokymat**

## Poly Tag 340 Hitag S

|                     |   |                  |                                    |
|---------------------|---|------------------|------------------------------------|
| <b>Chip type:</b>   | Hitag S – read / write 2kbits, 256 bits         |                  | * Test conditions and remarks      |
| <b>Physical:</b>    | Diameter:                                       | 34.0 mm ± 0.3 mm |                                    |
|                     | Thickness:                                      | 8.0 mm ± 0.3 mm  |                                    |
|                     | Hole:   | 5.6 mm ± 0.3 mm  |                                    |
|                     | Weight:   | 7.8 g            |                                    |
|                     | Material:                                       | PA6 High impact  |                                    |
|                     | Color:  | Black            |                                    |
| <b>Electrical:</b>  | Operating frequency:                            | 125 kHz ± 6 kHz  | *At room temperature               |
| <b>Chemical:</b>    | Water immersion IP 68                           |                  | *20°C, 24h, 1m                     |
|                     | Refer to the application note "PA6 - SOK002"    |                  |                                    |
| <b>Mechanical:</b>  | Vibration                                       | IEC 68.2.6       | *10g, 10...2000Hz, 3 axis, 2.5h    |
|                     | Shock   | IEC 68.2.29      | *40g, 18ms, 6 axis, 2000 times     |
|                     |   |                  |                                    |
| <b>Thermal:</b>     | Storage:  | -40°C to +90°C   | * 1x 1000h                         |
|                     |   | +100°C           | * 1x 100h                          |
|                     | Shock/fatigue:                                  | -30°C to +90°C   | * 50x 10min with transition in 30s |
|                     | Operating:                                      | -25°C to +85°C   |                                    |
| <b>Part number:</b> | 623131 for Hitag S 256, 624131 for Hitag S 2048 |                  |                                    |

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CLF 3.3.3.126 - V1 - DefKey: 313287 - 11.07.2007 - Page: 1 of 1

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