

iMini Singulated

ISO 15 693, ISO 18 000-3 Mode 1

NXP ICode SLIX

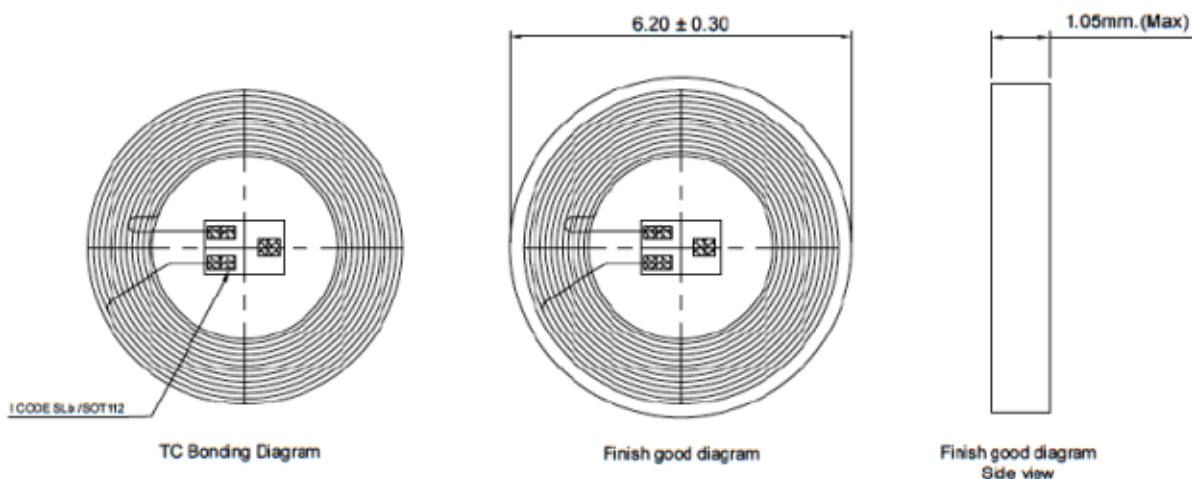
Sales code 3003035

Mechanical dimensions

| | | | |
|-----------|---------|--------------|----------|
| Diameter | 6,2 mm | ± 0,3 mm | 0,244 in |
| Thickness | 1,05 mm | +0,1/-0,3 mm | 0,041 in |
| Weight | < 1,0 g | | |

Electrical characteristics

| | |
|-------------------------|---------------------------------|
| Integrated Circuit (IC) | NXP ICode SLIX |
| Module Types | SOT1122 |
| Air interface protocol | ISO 15 693, ISO 18 000-3 Mode 1 |
| Operation frequency | 13,56 MHz |
| Memory | 1k bit |



General characteristics of transponder

| | | |
|---|----------------------|----------------|
| Operating temperature (electronics parts) | 0 °C / +50 °C | 32 °F / 122 °F |
| Resonance frequency | 13,9 MHz +/- 0,5 MHz | |
| Housing material and color | Epoxy resin | |
| Magnetic Absorber | HMSUS20080 (Alps) | |

Qualification tests

| Type of test | Condition |
|-----------------------|---|
| Storage temperature | +90°C; 168h; -20°C; 168h; |
| Operating temperature | 0°C; +50°C; |
| Temperature Shock | 0°C to +50°C; TT:60s; ST: 10min; 50 Cycles; |

Final inspection

| | | |
|------------------------|--|--|
| 100% functional tested | | |
|------------------------|--|--|

Delivery format**Quantity****Dimension**

| | | | |
|-----------|--|-----------|--------------------|
| Bag | | 100 pcs | |
| Inner Box | | 1000 pcs | 63 x 220 x 45 mm |
| Outer Box | | 10000 pcs | 240 x 358 x 115 mm |

Disclaimer:

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This technical specification replaces all earlier ones.

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