

Industrial IP68 NFC Tag NXP NTAG21x 34mm

Reference: RE-N213IP68-S / RE-N216IP68-S



Technical specifications

- Material: Polyamide 6 (PA6)
- IP68 certified (dust tight/immersion greater than 1m water)
- Completely waterproof
- Resistant up to 230 °C (see below)
- Anti-metal (also applicable on metal surfaces)
- Adhesive layer: 3M 4604

Dimensions

- Round, diameter 34 mm \pm 0.3 mm
- Hole diameter: 4.5 mm \pm 0.3 mm
- Thickness: 6 mm \pm 0.3 mm
- Approx. weight: 7 g

Temperature withstanding

- 160°C, 50 hrs.
- 190°C, 4 hrs.
- 230°C, 30 mins.
- Operating Temperature / Humidity: -40~85°C / RH60%
- Storage Temperature / Humidity: -40~160°C / RH60%

Vibration test

- IEC 68.2.6: 10 g, 10 to 2000 Hz, 3 axis, 2.5 h

Shock test

- IEC 68.2.29: 40g, 18ms, 6 axis, 2000 times

Contactless IC chip

- Manufacturer: NXP
- Chip module: NTAG213 / NTAG216
- Operating frequency: 13.56 MHz
- NFC Standard: ISO/IEC 14443-A, NFC Forum type 2
- UID: 7 bytes
- Communication rate: 106 kbit/s
- Read/write endurance: 100,000 cycles
- Data retention: 10 years

Certification

This product is identified and certified by SGS in accordance with the RoHS Directive 2002/95/EC and its amendment directive.