



NXT-L

Reliable and top-performing card with standard plating configuration

Linxens NXT-L is the flagship product for contact gold applications. Linxens has sold over 40 billion NXT-L cards since 2006, positioning as the industry's reference in smart cards worldwide. Its success is based on highly reliable features ensuring data security, and high environmental resistance.

Key Features

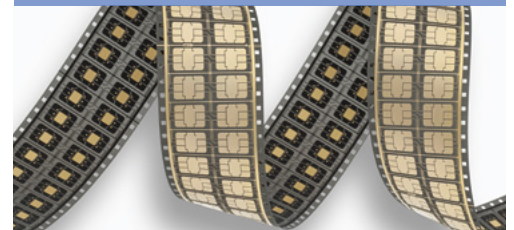
- Worldwide plating reference
- High corrosion resistance
- Standard plating grade
- Multipurpose

Typical Product Designs

Part Number	Modules	Cavity	Chip Dimension
9X12121	8	No	3.6 x 3.65 mm
9X16001	8	✓	3.6 x 3.6 mm
9X16004	8	No	4.8 x 4.8 mm
9X23206	8	✓	3.8 x 6.6 mm
9X23207	8	No	5.6 x ≤ 8 mm
9X13705	6	No	3 x 3 mm
9X13901	6	✓	1.8 x 1.8 mm
9X13902	6	No	3.2 x 3 mm
9X12106	8	✓	2.44 x 2.44 mm
9X12107	8	✓	2.44 x 2.44 mm



MICROCONNECTORS



Overview

Material

- Film base: Standard Epoxy glass
- Adhesive: High temperature modified Epoxy MCHT
- Copper: ED29 μ

Thickness

- Total: 159 \pm 20 μ / 165 \pm 20 μ
- Plating Thickness
- Contact side:
 - Ni: 2.0 (-0.6 +1.0) μ m
 - Au: 0.05 (-0.02 +0.03) μ m
- Back side:
 - Ni: 5 (-2 +3) μ m
 - Au: 0.30 (-0.10 +0.20) μ m

Temperature Resistance

- 3 minutes at 260°C
- 21 hours at 160°C

Plating Performance

- Corrosion resistance: High
- Chemical resistance: High

Compliance Labels

- ISO 10373
- ISO 7810

Application Area

- Financial services
- eGovernment
- Healthcare
- IoT

Options

- Micro-etched / Fully-etched
- Colored tape: Red, blue, orange