



NXT-SH

Premium corrosion-resistant solution for harsh environments

With its premium plating grade, Linxens NXT-SH is the perfect solution for harsh environments, including market sectors that require reliability as a crucial product feature.

Key Features

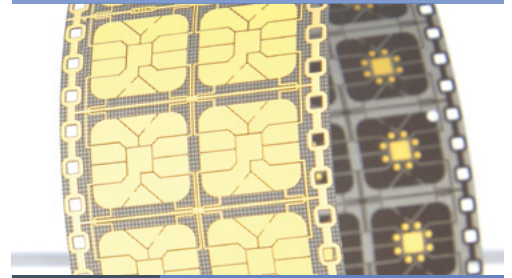
- Worldwide reference plating family
- Premium plating grade
- Premium corrosion resistance

Typical Product Designs

Part Number	Modules	Cavity	Chip Dimension
9X13901	6	✓	1.8 x 1.8 mm
9X13902	6	No	3.2 x 3 mm
9X13704	6	✓	1.8 x 1.8 mm
9X13705	6	No	3 x 3 mm
9X21002	6	✓	3.9 x 4.9 mm
9X21003	6	No	4.1 x ≤ 6 mm
9X23207	8	No	5.6 x ≤ 8 mm
9X12106	8	✓	2.44 x 2.44 mm
9X12107	8	✓	2.44 x 2.44 mm
9X12110	8	No	3.6 x 3.6 mm



MICROCONNECTORS



Overview

Material

- Film base: Standard Epoxy glass
- Adhesive: High temperature modified Epoxy MCHT
- Copper: ED29μ

Thickness

- Total: 161 ± 20 μm / 167 ± 20 μm
- Plating Thickness
 - Contact side:
 - Ni: 4 (-1 +2) μm
 - Au: 0.15 ± 0.05 μm
 - Back side:
 - Ni: 6 (-3 + 6) μm
 - Au: 0.40 (-0.10 +0.20) μm

Temperature Resistance

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

Plating Performance

Corrosion resistance: Premium
Chemical resistance: Premium

Compliance Labels

- ISO 10373
- ISO 7810

Application Area

- eGovernment (e.g. social security)
- Healthcare
- IoT

Options

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