



# OptiBANK

## Highly reliable, optimized contact solution for financial services market

Linxens OptiBANK is the new contact solution for the banking sector. OptiBANK is based on NXT performance with light gold optimization and an alternative epoxy glass, processed through our new gold bath.

### Key Features

- Optimized NXT-L plating configuration
- New gold bath
- Standard corrosion resistance
- Easy integration of the module
- Thinner gold versus NXT-L
- Featured for payment cards
- Contact solution

### 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
9X13902	6	No	3.2 x 3 mm
9X13705	6	No	3 x 3 mm



## MICROCONNECTORS



### Overview

#### Material

- Film base: Alternative Epoxy glass in dark gray
- Adhesive: High temperature modified Epoxy MCHT
- Copper: ED29 $\mu$

#### Thickness

- Total: 164  $\pm$  20  $\mu$ m / 170  $\pm$  20  $\mu$ m
- Plating Thickness
  - Contact side:
    - Ni: 2.0 (-0.6 +1.0)  $\mu$ m
    - Au: 0.030  $\pm$  0.010  $\mu$ m
  - Back side:
    - Ni: 5 (-2 +3)  $\mu$ m
    - Au: 0.30 (-0.10 +0.20)  $\mu$ m

#### Temperature Resistance

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

#### Plating Performance

Corrosion resistance: Standard  
Chemical resistance: Standard

#### Compliance Labels

- ISO 10373
- ISO 7810

#### Application Area

- Financial services

#### Options

- Gold / Palladium