SPECIFICATIONS

Docking Connector

QL Series
Vertical, SMT, Plug Type
1.00mm Pitch
50Pos.

Mechanical

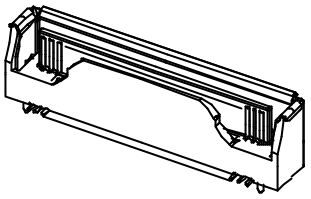
Connector Mating Force : *1.20 Kgf max.*
Connector Unmating Force : *1.20 Kgf max.*
Durability : *5,000 Cycles*

Electrical

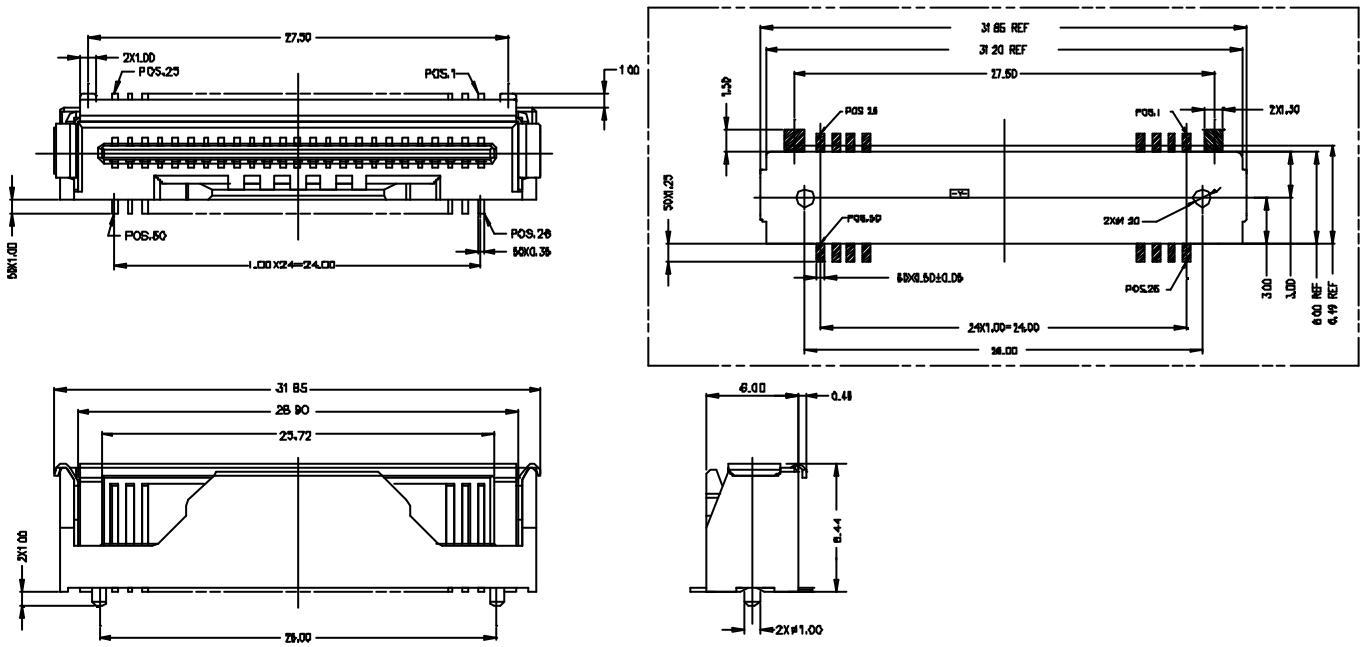
Voltage Rating: *150V*
Current Rating: *0.5A*
Contact Resistance: *Initial 80mW max., △R 20mW max.*
Dielectric Withstanding Voltage: *500V AC/1 min.*
Insulation Resistance: *100MW*

Physical

Housing: *Thermoplastic, UL 94V-0 rated in Natural Color*
Contact: *Copper alloy*
Plating: *See "ORDERING INFORMATION"*
Metal Spring & Solder Pad: *Copper alloy*
Operating Temperature: *-55℃ to +85℃*



DRAWING



ORDERING INFORMATION

PRODUCT NO. : QL00253-A605-9F

- QL=Family Code
- Terminal Type
  0=Vertical
- Contact Design Type
  0=Plug
- No. of Contact Position
  25=25 Pos/Row, Total 50Pos.
- Contact Area Plating
  3=30u" Gold
- A=1.00mm Pitch
- 6=Parallel 2 Rows
- Extension Code
- Tape Reel & Cap & Lead Free

All specification & dimensions are subject to change, please call your nearest Foxconn sales representative for update information.