



TECHNICAL INFORMATION

MATERIALS

- Contact: Copper Alloy
- Plating: Matte tin, gold flash, 15µin. gold and 30µin. gold over nickel
- Housing: Thermoplastic or thermoplastic high temperature, UL94V-0
- Metal hold down: Copper Alloy
 - Plating: Matt Tin

ELECTRICAL PERFORMANCES

- Contact Resistance: 20mΩ max.
- Insulation Resistance: 100MΩ min.
- Voltage Rating: 125V AC, DC
- Current Rating: 1A (0.8A -32 AWG)
- Dielectric Withstand Voltage: 500V AC/minute

ENVIRONMENTAL

- Resistance to reflow soldering heat:
 - Pre-heat: 150°C to 180°C, 60 – 90 seconds
 - Heat: 230°C min., 40 seconds min.
 - Peak Temperature: 260°C max., 10 seconds max.
- Resistance to hand soldering heat:
 - Soldering iron: 350±10°C
 - Duration: 3 – 4 seconds min.
- Thermal Shock (temperature cycling): conforms to EIA-364-32A
- Humidity (temperature cycling): conforms to EIA-361-31A
- Temperature Life (heat aging): conforms to EIA-361-17A, 105°C for 96 hours
- Salt Spray: conforms to EIA-364-26B
- Solderability: solderable area to have min. 95% solder coverage

MECHANICAL PERFORMANCE

- Mating & Un-mating Force: conforms to EIA-364-13
- Contact Retention Force: 0.5Kg min.
- Hold down/Housing retention force: 1.0Kg min.
- Wire retention force: 0.5Kg min.
- Terminal/Housing retention force: 0.5Kg min.
- Vibration: 1µs max., EIA-364-28 Condition I
- Shock: 1µs max., EIA-364-27A Hold down/Housing
- Durability: 30 cycles

SPECIFICATIONS

- Product Specifications: GS-12-675
- Packaging Specifications: GS-14-1592; GS-14-1593

APPROVALS AND CERTIFICATIONS

- RoHS conforms to EU Directive 2002/95/EC
- UL approval
- Housing connector conforms to IEC 60695-2 Industry Safety Standard (Glow Wire test)

PACKAGING

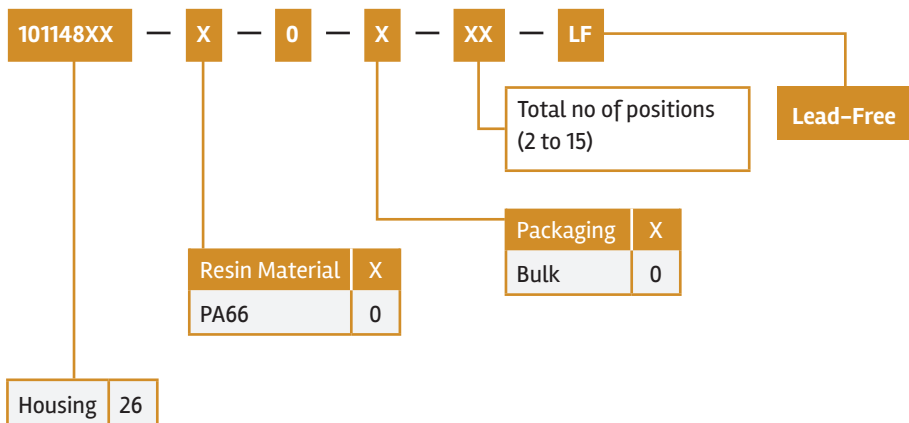
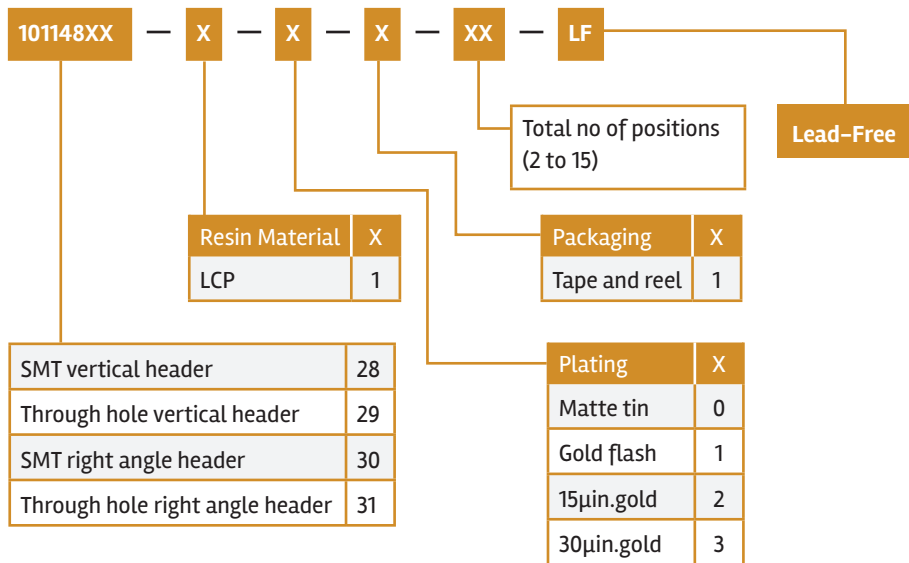
- PCB Header: tape and reel
- Crimping Housing: bag
- Terminal: reel

TARGET MARKETS/APPLICATIONS

- Industrial & Instrumentation
- Industry Control
 - Instrumentation/Metering
 - Office Equipment
 - Small Motor/Robot Control
 - Security
 - Alarm Systems
 - Vending POS Machine
- Consumer
 - Car Audio

▶ 1.25mm WIRE-TO-BOARD SYSTEM

PART NUMBERS



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10114826-00002LF](#) [10114826-00003LF](#) [10114826-00004LF](#) [10114826-00006LF](#) [10114827-001LF](#) [10114828-10102LF](#) [10114828-10103LF](#) [10114828-10104LF](#) [10114828-10106LF](#) [10114829-10102LF](#) [10114829-10103LF](#) [10114829-10104LF](#) [10114829-10106LF](#) [10114827-002LF](#) [10114828-10105LF](#) [10114828-10107LF](#) [10114828-10108LF](#) [10114828-10109LF](#) [10114828-10110LF](#) [10114828-10111LF](#) [10114828-10112LF](#) [10114828-10113LF](#) [10114828-10114LF](#) [10114828-10115LF](#) [10114828-11102LF](#) [10114828-11103LF](#) [10114828-11104LF](#) [10114828-11105LF](#) [10114828-11106LF](#) [10114828-11107LF](#) [10114828-11108LF](#) [10114828-11109LF](#) [10114828-11110LF](#) [10114828-11111LF](#) [10114828-11112LF](#) [10114828-11113LF](#) [10114828-11114LF](#) [10114828-11115LF](#) [10114829-10105LF](#) [10114829-10107LF](#) [10114829-10108LF](#) [10114829-10109LF](#) [10114829-10110LF](#) [10114829-10111LF](#) [10114829-10112LF](#) [10114829-10113LF](#) [10114829-10114LF](#) [10114829-10115LF](#) [10114829-11102LF](#) [10114829-11103LF](#) [10114829-11104LF](#) [10114829-11105LF](#) [10114829-11106LF](#) [10114829-11107LF](#) [10114829-11108LF](#) [10114829-11109LF](#) [10114829-11110LF](#) [10114829-11111LF](#) [10114829-11112LF](#) [10114829-11113LF](#) [10114829-11114LF](#) [10114829-11115LF](#) [10114830-10102LF](#) [10114830-10103LF](#) [10114830-10104LF](#) [10114830-10105LF](#) [10114830-10106LF](#) [10114830-10107LF](#) [10114830-10108LF](#) [10114830-10109LF](#) [10114830-10110LF](#) [10114830-10111LF](#) [10114830-10112LF](#) [10114830-10113LF](#) [10114830-10114LF](#) [10114830-10115LF](#) [10114830-11102LF](#) [10114830-11103LF](#) [10114830-11104LF](#) [10114830-11105LF](#) [10114830-11106LF](#) [10114830-11107LF](#) [10114830-11108LF](#) [10114830-11109LF](#) [10114830-11110LF](#) [10114830-11111LF](#) [10114830-11112LF](#) [10114830-11113LF](#) [10114830-11114LF](#) [10114830-11115LF](#) [10114831-10102LF](#) [10114831-10103LF](#) [10114831-10104LF](#) [10114831-10105LF](#) [10114831-10106LF](#) [10114831-10107LF](#) [10114831-10108LF](#) [10114831-10109LF](#) [10114831-10110LF](#) [10114831-10111LF](#)