

MINI-HERMAPHRODITIC CONNECTORS WITH GOLD PLATING

TE Connectivity (TE) introduces the Miniature Hermaphroditic Blade and Receptacle connectors with selective gold plating. The gold plated connectors are suitable for harsh environments where moisture and high vibration may be present. The connector is excellent for providing power from the driver to the initial and adjacent boards in a string of linear LED lighting strip modules. The compact design of these connectors makes it a good choice for applications where space constraints are present.

ELECTRICAL

- Current Rating: 3A (max)
- Voltage Rating:
300 VAC / DC (UL)
50 VAC / DC (TÜV)
- Dielectric Withstanding Voltage: 1600 VAC

MECHANICAL

- Operating Temperature:
-40°C to +105°C (UL)
-35°C to +65° (TÜV)

SPECIFICATIONS

- Product Specifications: 108-106050
- Application Specifications: [114-106050](#)

MATERIALS

- Housing: UL 94V0 high temperature resistant thermoplastic
- Contacts: Gold over nickel at separable interface (tin over nickel for the remainder)

BENEFITS

- Reduce inventory requirements with a single connector that mates to itself
- Simplify assembly and service with either vertical or horizontal connections
- Speed assembly time with surface mount and reflow compatible low profile design in tape and reel packaging
- Enhanced LED output with low profile connector rounded corners that help minimize shadowing
- Reduce design time using the same connector for power, data or signal connections with 2, 4 or 6 positions

APPLICATIONS



Architectural and Sign Lighting



Retail and Display Lighting



Fluorescent LED Retrofit Lighting



Cabinet or Furniture Lighting



Commercial and Residential Cove Lighting

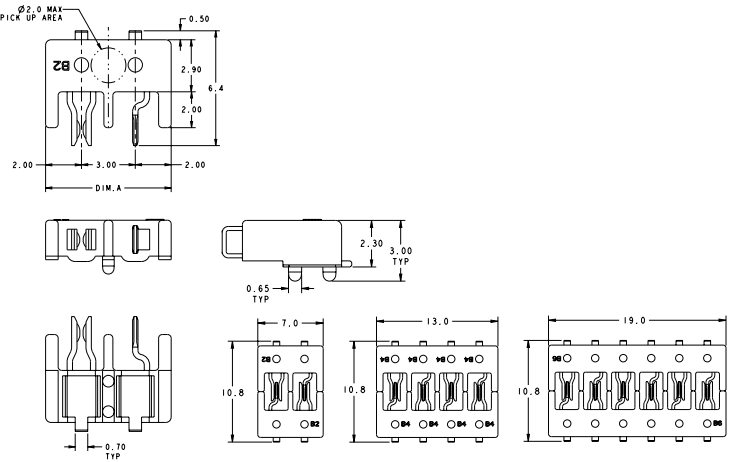
MINI-HERMAPHRODITIC CONNECTORS WITH GOLD PLATING

PRODUCT SELECTION INFORMATION

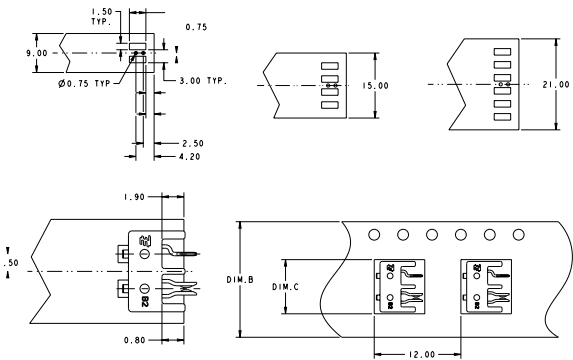
Part Number	Description	Positions
2213611-1	Miniature Hermaphroditic Blade and Receptacle Assembly with Posts - Select Gold	2
2213611-2	Miniature Hermaphroditic Blade and Receptacle Assembly with Posts - Select Gold	4
2213611-3	Miniature Hermaphroditic Blade and Receptacle Assembly with Posts - Select Gold	6
2306038-1	Miniature Hermaphroditic Blade and Receptacle Assembly - Select Gold	2
2306038-2	Miniature Hermaphroditic Blade and Receptacle Assembly - Select Gold	4

DIMENSIONS

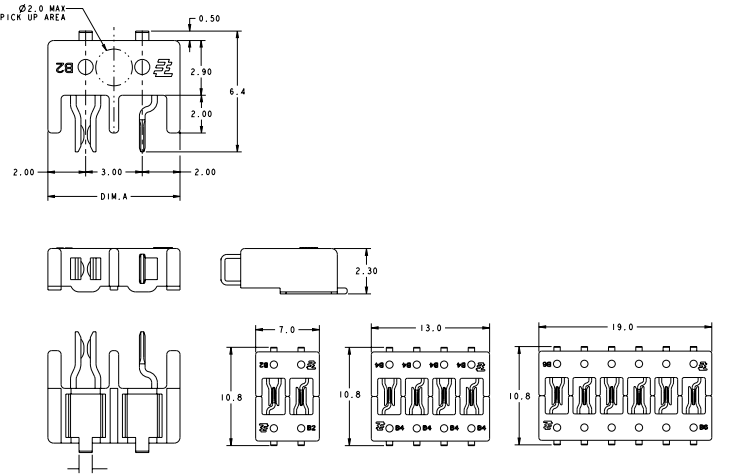
2213611 with posts



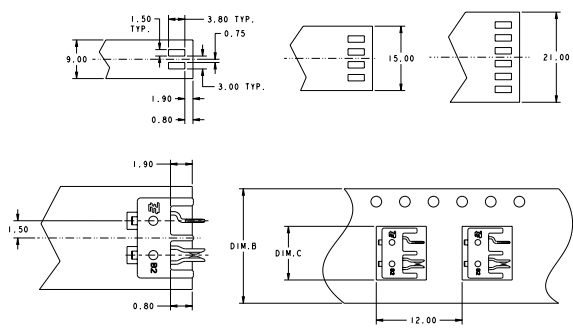
PCB Layout



2306038 (no posts)



PCB Layout



MINI-HERMAPHRODITIC CONNECTORS WITH GOLD PLATING

te.com/hermaphroditic-connectors

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