

TYPE SMIZ SOLDERLESS HOLDER USE FOR LED PANEL INTERCONNECTIONS

FEATURES:

- One piece solderless termination to a solder pad on the PCB
- Separable interface
- Low profile design
- Single screw hold-down
- Positive location of housing to board

APPLICATIONS:

- Wallpack Lighting
- Street & Pathway lighting
- Area Lighting
- High/Low Bay Lighting
- Troffers

CONSIDERATIONS:

- Requires 1mm thick PCB
- Terminates to 24AWG solid wire

DOCUMENTS:

Application specification:

114-5490

Product Specification:

108-78660

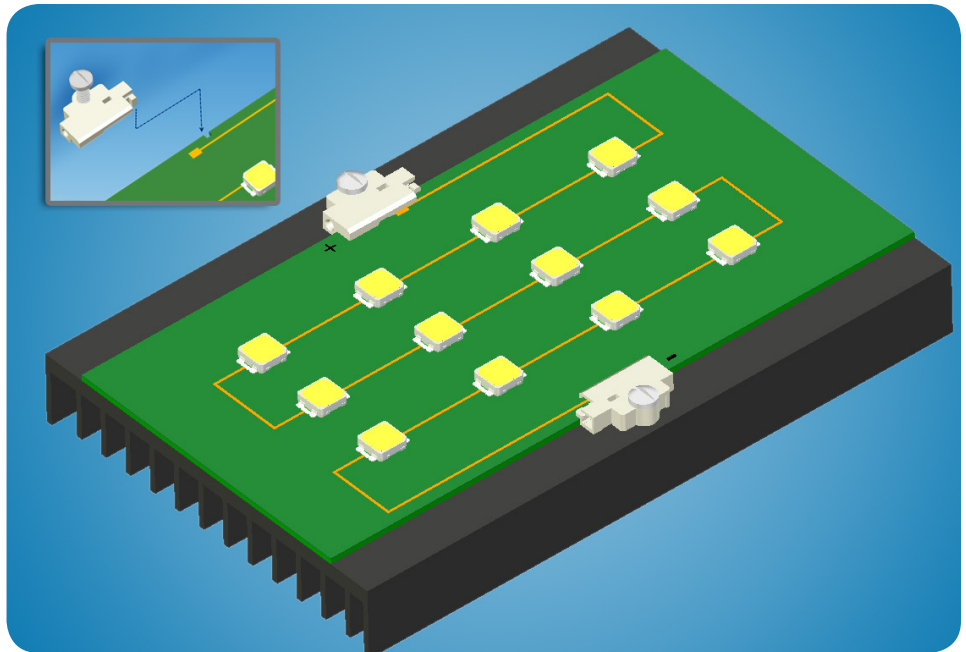
Customer Drawing:

2174306-1

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In the application shown above, the Solderless LED Socket Type SMIZ is used as the power connection into a planar array of LEDs on a conventional FR4 board assembly. This replaces a two piece separable connection and eliminates the need to solder a wire or connector device onto the PCB. Wire termination is then as simple as stripping and poking the wire into the connector.

For detailed board layout information on the use of the SMIZ holder in this application or for use in its original function of providing a solderless connection to the Sharp Mini Zenigata® family of COB LEDs, consult the TE customer drawing for part number 2174306-1.

The SMIZ solderless LED holder shown here in the original application to allow the direct attachment of COB LEDs to a heatsink using standard screws instead of soldering.

