



Solderless High Intensity LED Holder

© 2009 Tyco Electronics Corporation. All Rights Reserved.
CARLO is a trademark of Carlo Plc.
FRAEN is a trademark of Fraen Corporation S.r.l.
LUXEON is a trademark of Philips Lighting company LLC.
AMP, TE logo and Tyco Electronics are trademarks.
Other products, logos, and company names herein may be trademarks of their respective owners.



Solderless High Intensity LED Holder

Product Description

- **Description**

- The solderless high intensity LED holder is an integrated interconnect and thermal solution for the LUXEON Rebel high power LED.



Solderless High Intensity LED Holder

Product Applications

- **Applications**

- Indoor and outdoor lighting fixtures
- General LED illumination fixtures

- **Industries / Markets**

- Architectural, commercial or residential lighting

Solderless High Intensity LED Holder

Features/Benefits

- **Features**

- Small footprint and low profile design
- Snap together solderless contact design
- Provides direct electrical and thermal connection to the LED
- Low applied cost
- Contact carrier snaps into a simple cutout pattern that can be laser etched or stamped into sheet aluminum
- Contact carrier is available in 6 configurations to allow integration into common sheet aluminum thicknesses
- Optional TE heatsink provides mounting flexibility
- Optional TE snap on optics adapter for 20mm CARLO or FRAEN lenses
- Accepts TE AMP Mini CT connector for easy power input

CARLO is a trademark of Carlo Plc.
FRAEN is a trademark of Fraen Corporation S.r.l.

Solderless High Intensity LED Holder

Product Advantages

- Advantages
 - Design allows for versatility in mounting LUXEON Rebel LEDs without the need for solder, thermal adhesives or PCB/metal clad boards
 - Contact carrier cutout can be integrated into existing lighting fixtures
 - Allows repair and replacement of the LED

LUXEON is a trademark of Philips Lighting company LLC.

Solderless High Intensity LED Holder

Performance Data

- Performance Data
 - Materials:
 - Housing: PBT
 - Contacts: Gold over nickel plated copper alloy
 - Environmental Specifications:
 - Operating Temperature: -40 degree C to 120 degree C
 - Electrical Specifications:
 - Operating Current: 350mA to 1500mA
 - Operating Voltage: Up to 50VDC
 - Wattage Rating: 1 watt using optional TE heatsink or up to limit of LUXEON Rebel LED with customer's thermal management plan

LUXEON is a trademark of Philips Lighting company LLC.

Solderless High Intensity LED Holder

Standards & Specifications

- Standards & Specifications;
 - UL 8750
 - Solderless High Intensity LED Holder Design Objectives: 108-2349
 - Solderless High Intensity LED Holder Application Specification: 114-13231
 - AMP Mini CT Connector Product Specification: 108-60025
 - AMP Mini CT Connector Product Specification: 114-5245

Solderless High Intensity LED Holder

Key Contacts

- Alexander Hunt III, Product Manager, Americas
 - 717-986-5911
 - ahunt@tycoelectronics.com
- Felix Heckmann, Product Marketing, EMEA
 - (49) 6103-7093166
 - fheckmann@tycoelectronics.com
- Lily, Product Marketing Engineer, Asia
 - (86) 755-2515-4719
 - lily.hao@tycoelectronics.com