

#### **KEY FEATURES**

- Snap-in LED retention feature simplifies installation by securing the LED to the holder before mounting
- Poke-in wire connection eliminates time consuming soldering to the LED
- Enables constant thermal down force to minimize influence by thermal plastic deformation at high temperature
- Makes easy and clean thermal paste application possible with built-in excess paste overflow feature
- Provides a specified and stable landing area for additional secondary optics
- Optional alternate mechanical optic attachment accessory
- Minimalistic aesthetic design with clear polarity indication to aid assembly
- Mechanically strong and robust design with negligible light interference
- Available optics from Carclo and LEDIL for Zhaga version

### **APPLICATIONS**

- Spotlights
- Down Lights
- · Stage lights
- Wall washers
- Architectural lighting

## Introducing

# TE LED holder for Sharp Mega Zenigata

The TE Solderless LED Holder, Type Z50, is a circular LED holder that provides a quick and easy solderless connection to the Sharp Mega Zenigata LED chip on board array family. TE's Type Z50 holder allows the direct attachment of Mega Zenigata LEDs to a heat sink using standard screws enabling designs to be more reliable, easier to user, and faster to market. The Type Z50 reduces assembly costs and provides a reliable solderless power connection, secure mechanical attachment, proper thermal hold down forces, and a landing zone with attachment features for additional secondary optics.

#### **MECHANICAL**

- Operating temperature range -40 to 105°C
- Utilize a minimum screw size of #4 or M3 for attachment
- Poke-in style electrical contacts supporting 18-22 AWG (0.35 0.75mm²) solid, fused and stranded wire
- · Zhaga compatible 50mm diameter by 6mm high
- · Low profile 45mm by 3.4mm high

#### **ELECTRICAL**

• Current rating: 5A

Voltage rating: 60VDC

- Designed to comply to UL1977 which may help application approbation according to UL8750 and UL1598
- IEC 60838-2-2

#### **MATERIALS**

- · High Mechanical strength
- · High heat resistance
- Good electrical properties
- · UL94V-0 flammability rating

## **PRODUCT OFFERING**

Z50 Low Profile Holder profile: 2213130-1
Z50 Zhaga profile with optic attachment holes: 2213130-2

**Optional:** 

Z50 Reflector Optics Retaining Clip Model 1: 2213194-1

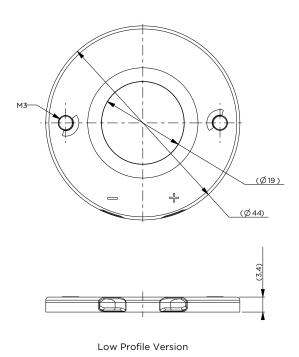
## **APPLICATIONS AND SPECIFICATIONS**

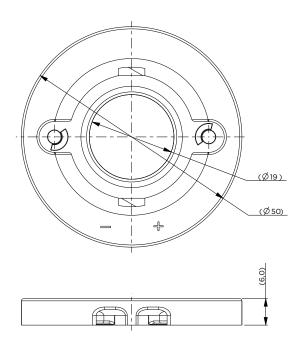
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Product Specification #: 108-133008
Product Drawing #: 2213130



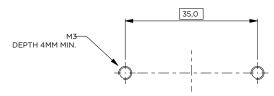


## **PRODUCT DIMENSIONS**





Zhaga profile with optic attachment feature



Recommended Mounting Hole Pattern

## **Available Optics**

TE Holder	Optics Partner	Product	Website	TE Attachment Accessory Required
2213130-2	carclo	NEWTON Series Reflectors	www.carclo-optics.com	None
2213130-2	LEDÎL AWORLD OF INNOVATION	ANGELA and ANGELINA Series Reflectors	www.ledil.com	2213194-1 (Reflector Optics Retaining Clip Model 1)

Dimensions are shown for reference purposes only. Specifications subject to change. Customer drawing should be used for all design activity.

