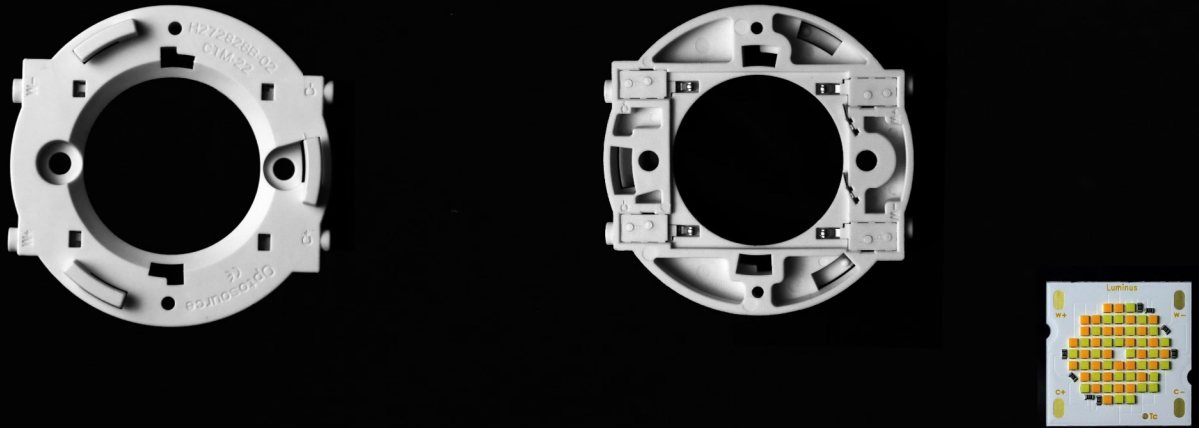


**PRODUCT SPECIFICATION**  
**H272828B-02**

Version:20200617v1



Solder-Free Holder For LUMINUS CTM-22 COB LEDs

**INTRODUCTION**

These new solder-free holder sources simplify luminaire design and manufacturing processes, improve light quality, and define a optical platform for future functionality integration.

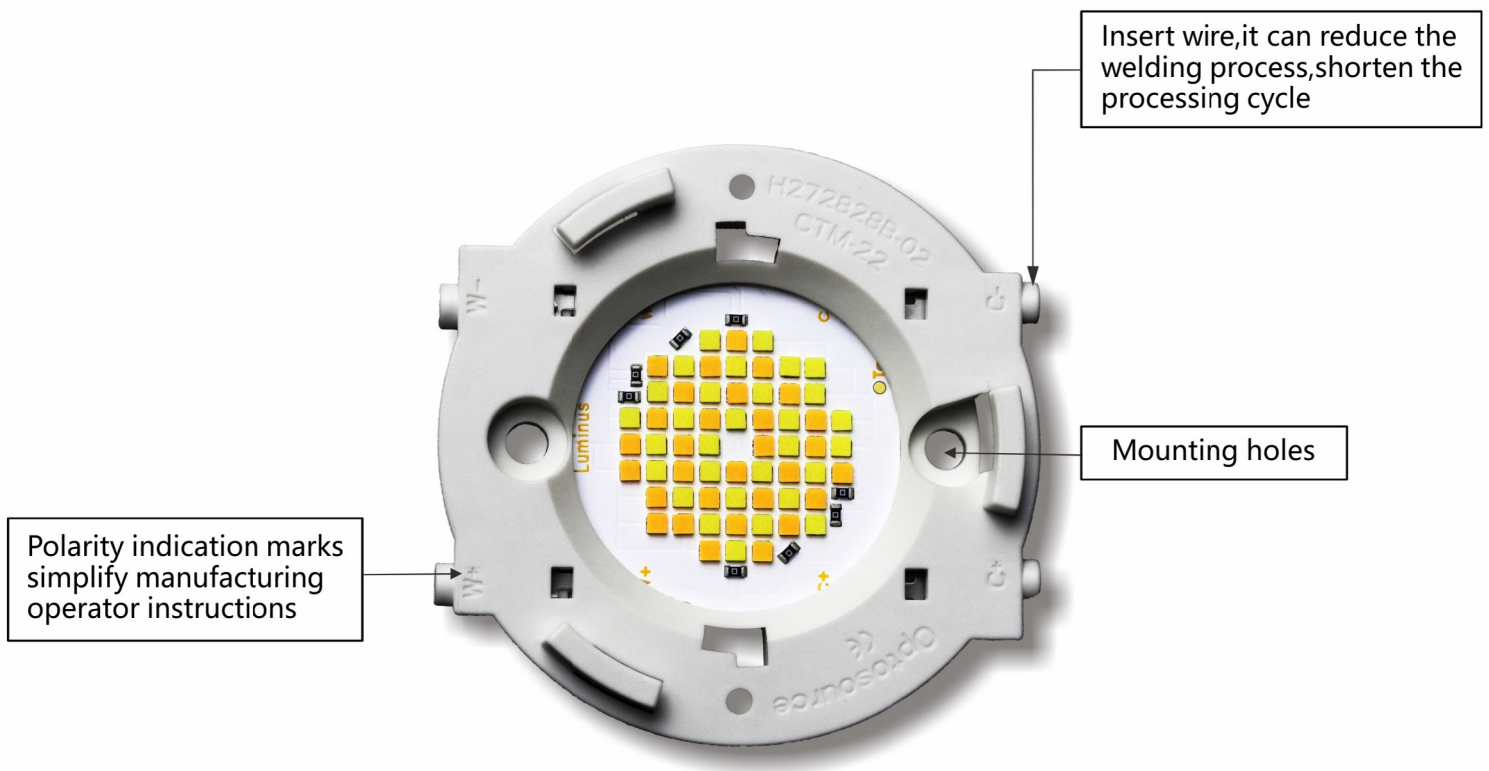
These solder-free holder is available in LUMINUS CTM-22 and has been engineered to enabling new degrees of flexibility in luminaire design optimization.

These solder-free are easy installation, plug and play.

Types/Product feature map	-----	P2
Wire installation	-----	P3~P4
Product dimension	-----	P5
Screw head type	-----	P6

## TYPES/PRODUCT FEATURE MAP

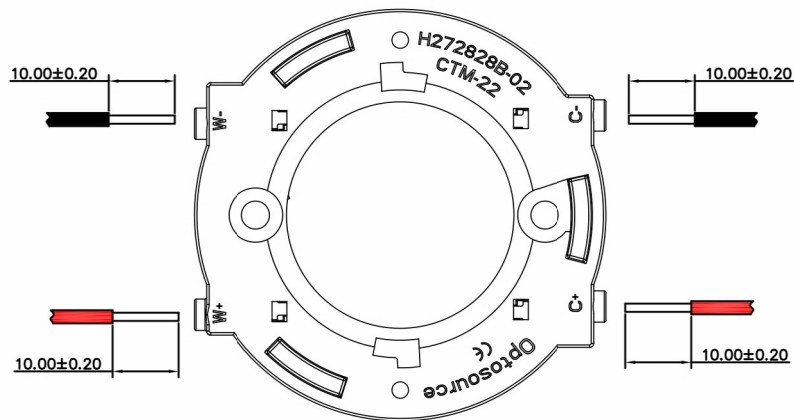
Order code	COB	Material	Metal material	Holder dimension(mm)	Operating temperature (Tc)	Screw size	Torque N.m
H272828B-02	CTM-22	PBT	SUS+NI	∅50	≤70°C	M3	0.4~0.45 N.m



Note: 1. The products are recommended to keep at 25°C and relative humidity 60% for 1 year.

## WIRE INSTALLATION

Wire type definition :  
Conductor OD= $\varnothing 1.0 \pm 0.05\text{mm}$ ,  $L=10.00 \pm 0.20\text{mm}$   
Insulation OD  $\leq \varnothing 1.8\text{mm}$



Wire stripping and soldering refer to the following illustration :



Incorrect



Correct

## WIRE INSTALLATION

Use the bracket window to check the position of the wire after insertion, refer to the following illustration :



Incorrect



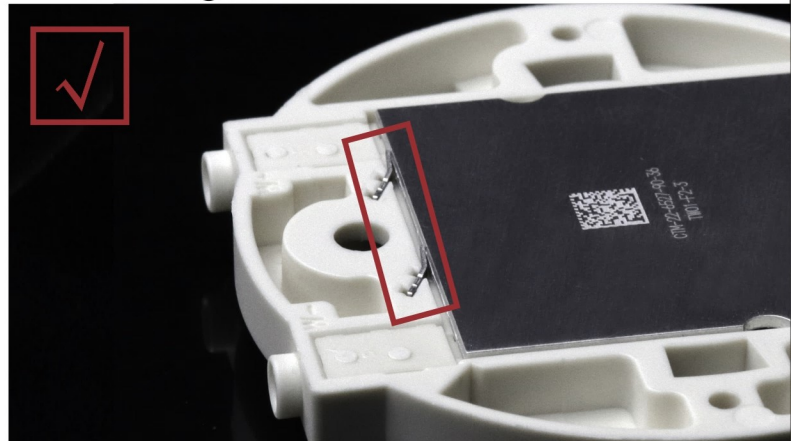
Correct

Don't pull out the wires which caused damage for whole design.

COB LED be sure full insert to bracket, installer following illustration :

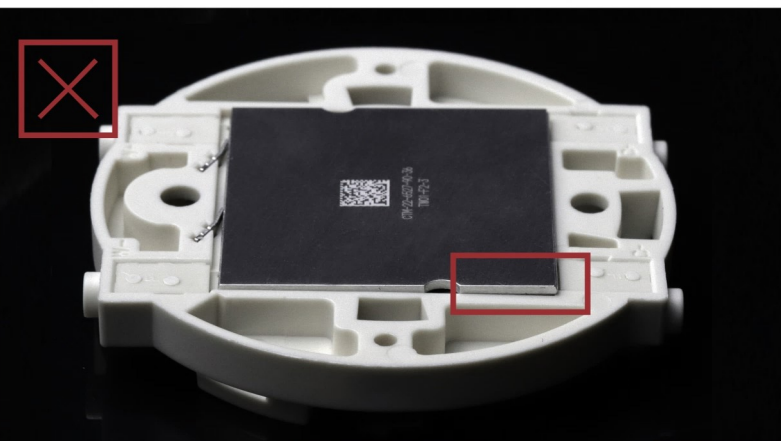


Incorrect

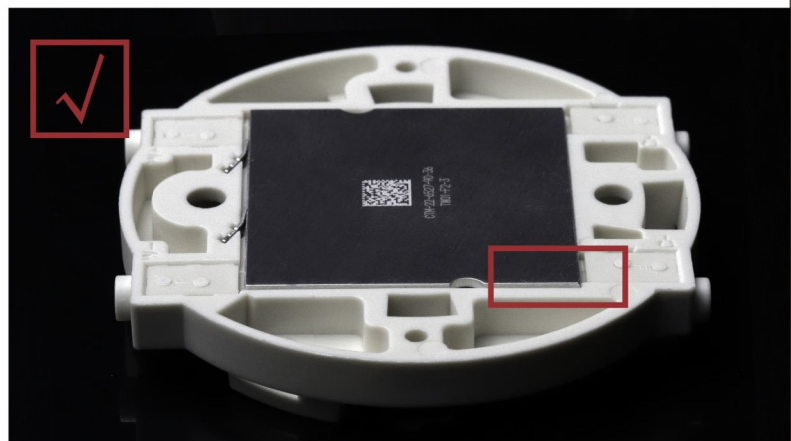


Correct

Before installation



Incorrect



Correct

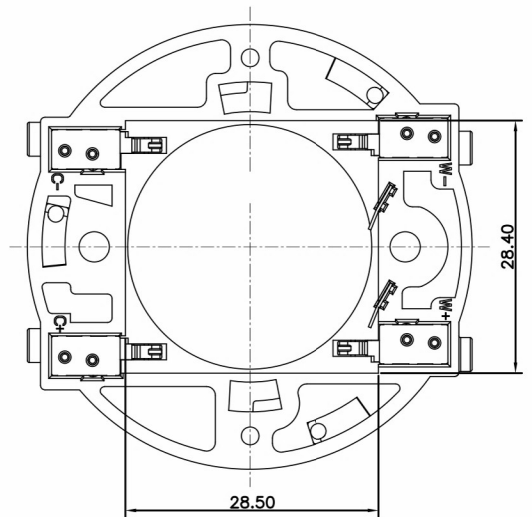
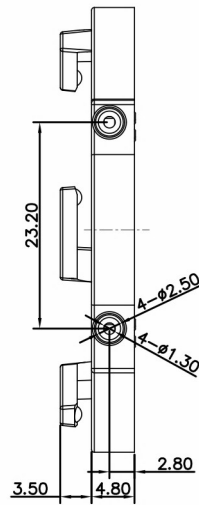
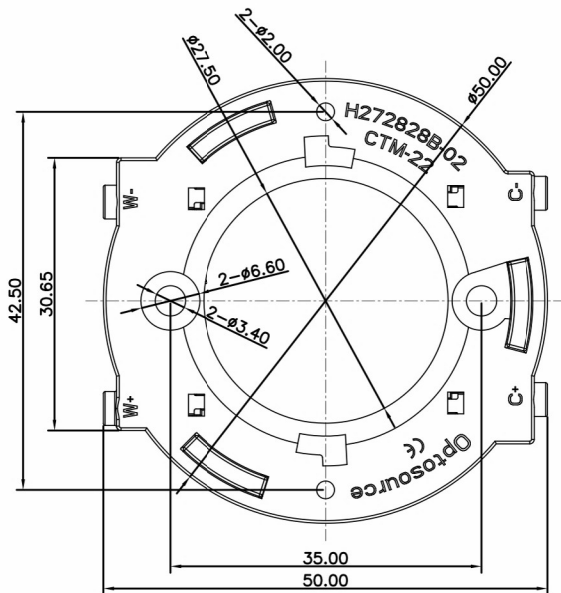
After installation

**PRODUCT DIMENSION**

Unit:mm

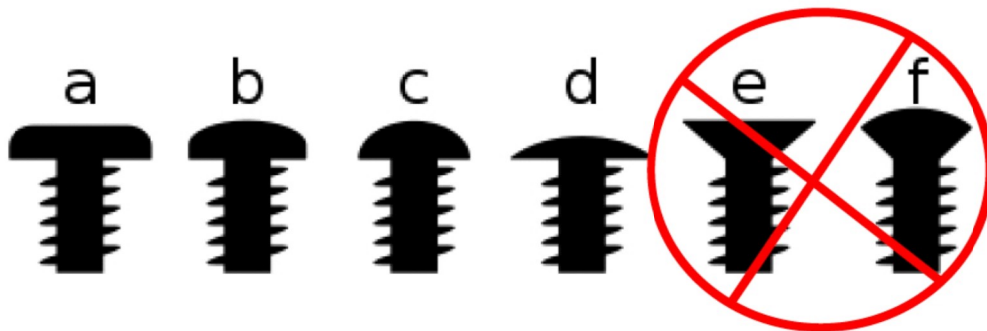
Tolerance

XX±	X.X±	X.XX±	X.X°
0.35	0.25	0.20	0.5°



## SCREW HEAD TYPE

We recommends using screws with a flat shoulder for mounting holder modules, see picture below. A wide variety of commercially available screws types can be used to meet design requirements. Examples include pan head, button head, round head, and truss head screws. Flat head and oval head screws or other screws with an angled surface should not be used.



When selecting a screw, consider screws that have a low profile screw head. A low profile screw head has the advantage of blocking less of the light emitted from the holder module. Additionally, if a secondary optic is to be used in the application, a low profile screw head allows more room for the optical components.

2/F, Building C1, No.73 Weiwu Road, Zengcheng, Guangzhou, China

Tel: +86 20 8266 0966  
Fax: +86 20 8264 3119

E-mail: [sales@opto-source.com](mailto:sales@opto-source.com)  
Website: [www.opto-source.com](http://www.opto-source.com)

