

Components for PCBs and CoBs

P2F - Fixing Elements



Technology for Light
Components · Optics · Automation

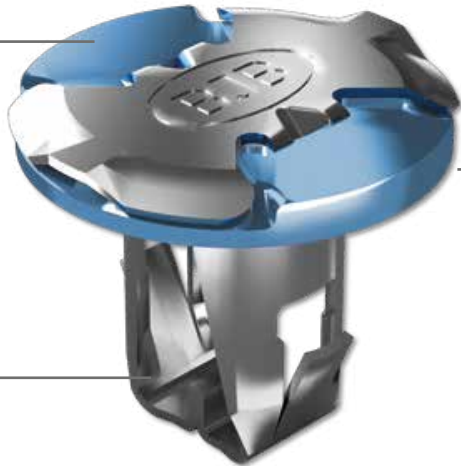
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- Quick assembly process improves production efficiency and reduces production costs
- Eliminates potential damage from screw fixing
- Low insertion force
- Floating connection compensates tolerances and thermal length variations
- Reliable heat dissipation due to a constant pressure
- Assembly without any additional tools
- Removable connection
- Shock and vibration resistant

Push-to-Fix Fixing element (P2F). Smarter than screw fixing.

Different colored silicone rings to differentiate the package thickness



Silicon insulating ring - Provides consistent and constant contact pressure

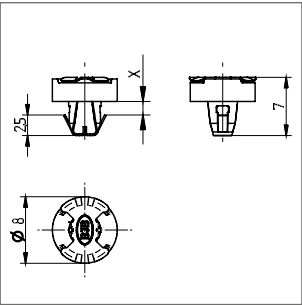
Metal spring CrNi
CrNi and silicone materials ensure long life reliability

Can also be used in combination with optical holders. See brochure Optics.

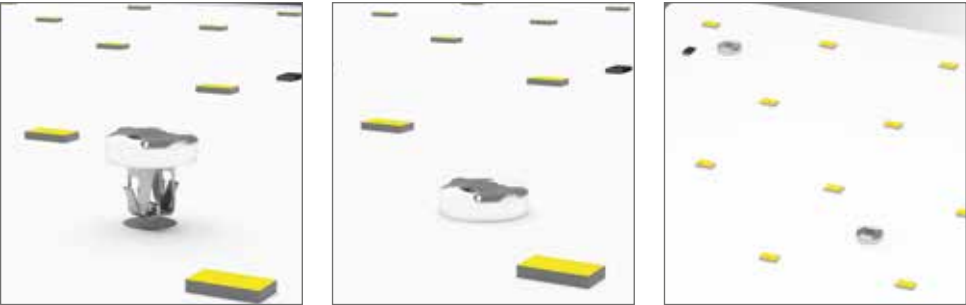


part no.		Thickness of PCB and panel		Ring-Colour-Code
28.901.U162.10		1.5 - 2.0 mm		transparent natural
28.901.U163.10		2.0 - 2.4mm		transparent yellow
28.901.U164.10		2.4 - 2.7 mm		grey
28.901.U165.10		2.7 - 3.2mm		white
28.901.U166.10		3.2 - 3.6 mm		blue
28.901.U169.10		4.0 mm		transparent grey

Panel cut out:



Example of application:



Assembly tool
Bit holder 28.901.U801



Magnetic-Bit
28.901.U801



- Pre-assembled onto PCB during SMD process
- Reduction of work steps in final assembly
- No risk of damage by screw mounting
- Low insertion force
- Lowest possible design above the board prevents shadowing
- Reliable heat dissipation by constant contact pressure
- Allows automatic assembly of the LED board into the luminaire
- Removable connection
- Shock and vibration resistant

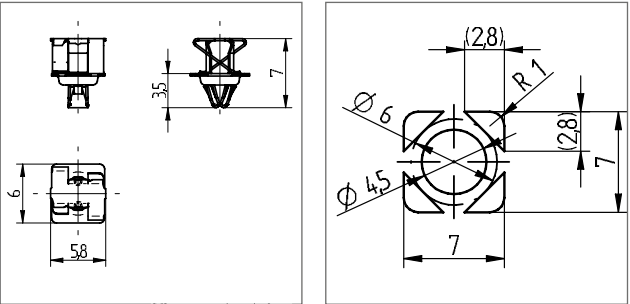
P2F (Push-to-Fix) SMD solderable 28.904.

Simplified final installation of LED boards.



part no.		Thickness of PCB and panel		Material
28.904.U101.10		1.5 - 2.6 mm		Spring: CrNi Solder plate: CuSn

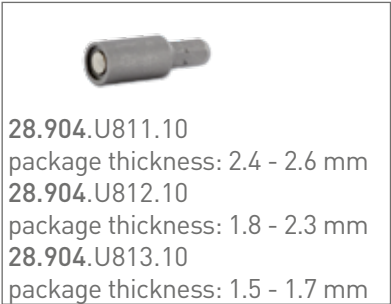
Panel cut out:



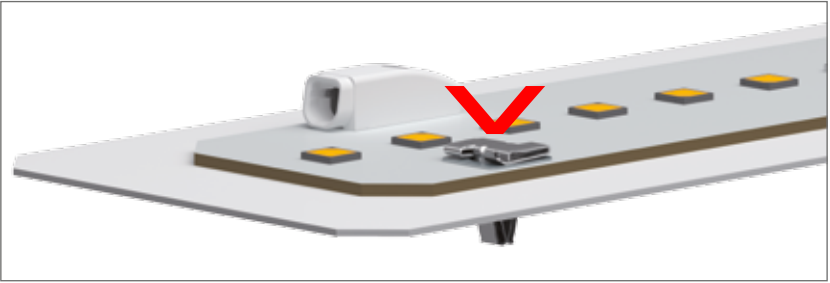
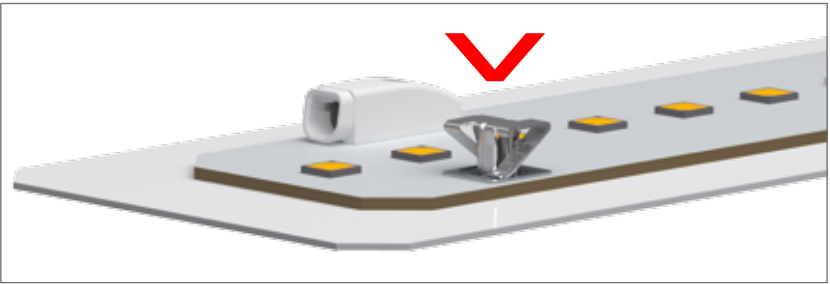
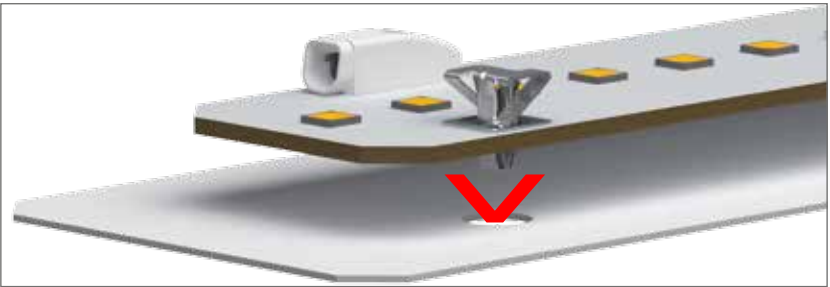
Assembly tool
Bit holder 28.901.U801



Magnetic Bit



Example of application:



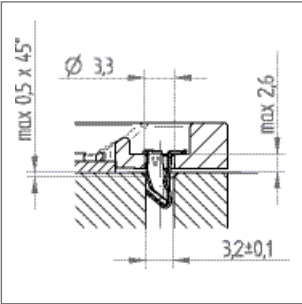
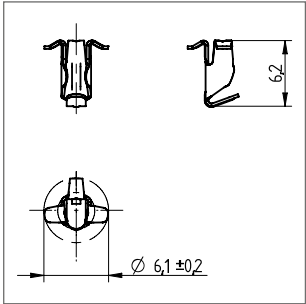
- Quick, easy and secure assembly
- No risk of damage by screw mounting
- Low insertion force
- Floating connection compensates tolerances and thermal length variations
- Coordinated system guarantees permanent contact pressure of modules due to very strong but elastic spring clip
- Lowest possible design above the CoB while fulfilling attachment and contact pressure functions - prevents shadowing
- Shock and vibration resistant

P2F (Push-to-Fix) 28.902. For blind holes

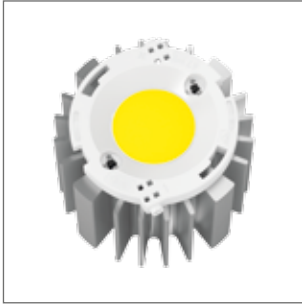


part no.		Thickness of PCB and panel		Material
28.902.-101.10		2.6 mm		CrNi

Panel cut out:



Example of application:



Can also be supplied prefixed with connectors 47.319



Assembly tool
Toggle lever press



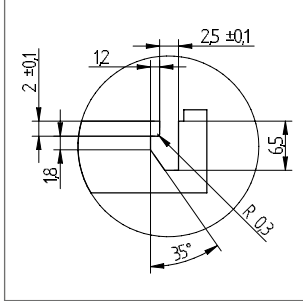
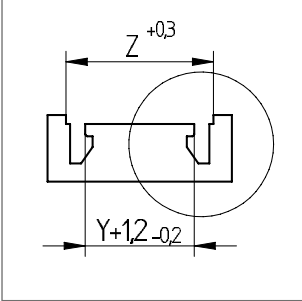
- Quick, easy and secure assembly
- Torque screw driver is not required
- Floating connection compensates tolerances and thermal length variations
- High-strength, elastic spring clips guarantee a permanent contact pressure
- Lowest possible design above the PCB while fulfilling attachment and contact pressure functions - prevents shadowing
- Shock and vibration resistant

P2F (Push-to-Fix) 28.903. For screw and profile grooves



part no.		Thickness of PCB and panel		Material
28.903.-101.10		3.5 ±0.2 mm		CrNi

Panel cut out:



Example of application:



Assembly tool
Bit holder 28.901.U801



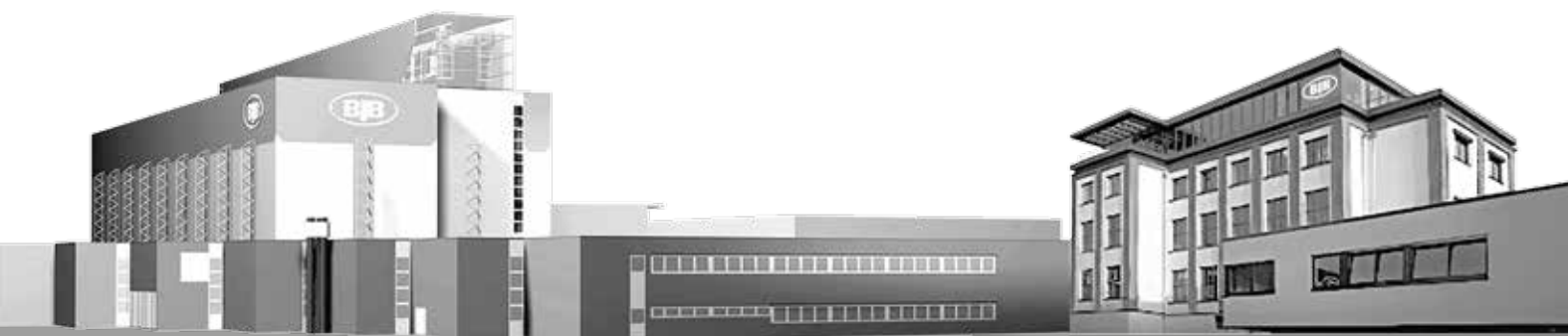
Magnetic Bit
28.903.U801





About BJB

BJB was founded in 1867 by Friedrich Wilhelm Brökelmann, Franz Jäger and Gustav Busse. The business began as a factory for petroleum lamps and developed into a company which manufactured components for establishing the connection between power supply and light. Today, BJB is a lighting technology brand which supplies innovative solutions to the lighting and domestic appliance industries worldwide.



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