

**SENKO®**  
Advanced Components

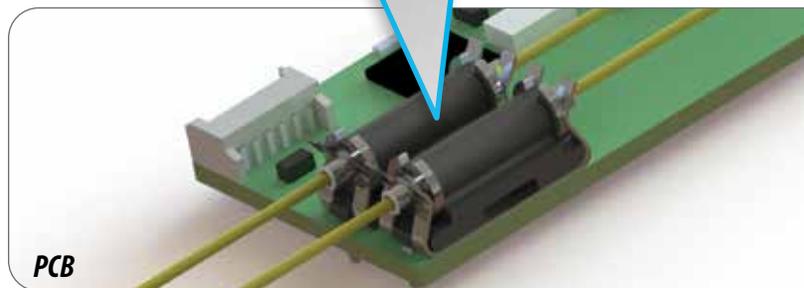
# MBMC

## MICRO BOARD MOUNT CONNECTOR

The ideal  
solution for  
PCB and  
Limited Space  
Applications

The best solution  
when you have  
limited space

The MBMC is the best solution when you have limited space on a PCB or in a Module. It is easy to install and remove and eliminates the need for splicing. If used with active or passive devices and if there is a problem, just remove the device with the MBMC and replace with another. No need for extra work cutting and splicing. Saving time and splice loss. The MBMC has different mounting options. You can use the legs on the tin plated spring clip to solder to a PCB or use the thru hole with a screw and nut.



**Eliminates the needs of splicing**

No need for extra work cutting and splicing.  
Saving time and splice loss



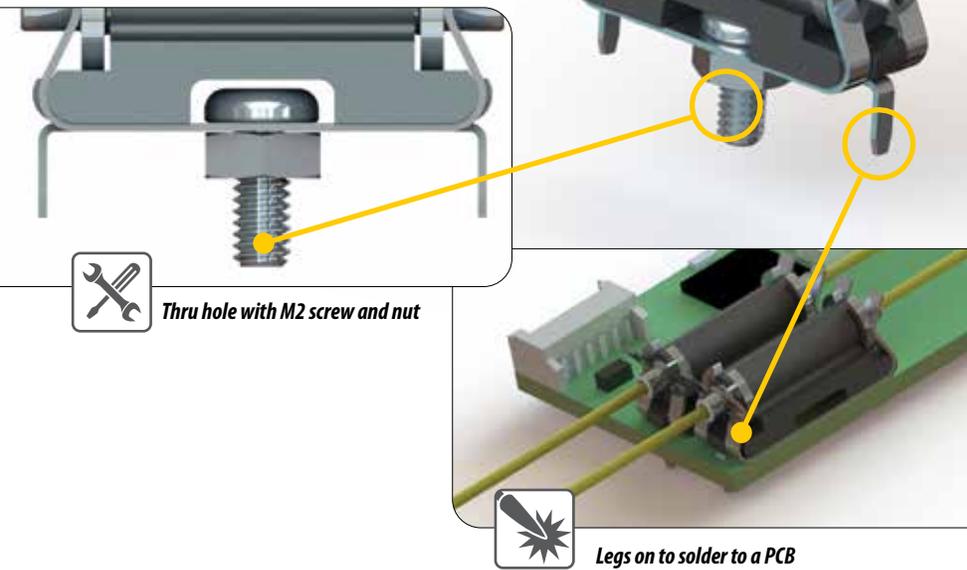
**Easy Installation**

The MBMC has different mounting options. You can use the legs on the clip to solder to a PCB or use the thru hole with a screw and nut.

[www.senko.com/mbmc](http://www.senko.com/mbmc)

## MBMC Micro Board Mount Connector 2 Mounting options

The MBMC has different mounting options. You can use the legs on the clip to solder to a PCB or use the thru hole with a screw and nut.



## MBMC Micro Board Mount Connector Construction

### Components

- 2x Senko Ferrule with metal flange
- 1x High precision ceramic sleeve
- 1x Metal tube for optimal connector alignment



### FEATURES

- Smallest fiber optic connector (space requirements) 17.2 x 5.0.6.15mm
- Based on Senko's Superior low loss 1.25 ferrule technology
- SM PC, SM APC, PM type available
- Very easy installation and removal
- Highly reliable performance
- Available as pigtailed on 900µm without a boot

### MATERIALS

- **Ferrule:** Zirconia with metal flange
- **Clip:** Metal (Cu Be2; tinned solderable)
- **Mating Sleeve/Adapter:** Zirconia/PBT

### APPLICATIONS

- The ideal solution for Printed Circuit Board (PCB) applications
- High quality interface between active and passive components
- The MBMC can be used to replace splices, improving modularity
- Limited space applications

OPTICAL CHARACTERISTICS	SINGLE MODE
Insertion loss	0.15dB typical
Return loss	55dB or Greater for single mode (PC) 65dB or Greater for single mode (APC)
Durability	< 0.1dB typical change, 100 matings
Operating temperature	-40°C to +75°C
Ferrule Hole Size	125µm +0.5/-0 Concentricity: ≤ 0.6µm

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