Super-small terminal for two-tiered installation (two-row type)(Pitch: 1.778 mm)
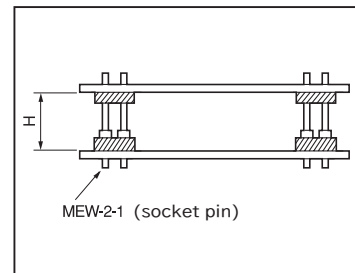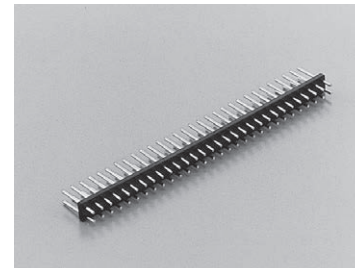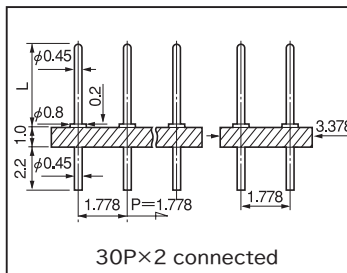
MXW-2 series （10pcs/pack）

- This is used for mounting PC boards by two-tiered installation.
- This terminal is of two-row type with a pitch of 1.778mm.
- Material
  Resin part: PPS resin black（UL94V-0），
  Pin part: Phosphor bronze, Finish: Gold plating over nickel base
- Rated current: 2A
- Insulation resistance: 500M Ω or over
- Withstand voltage: 1000V AC, DC per minute
- Operating temperature range: − 40 to + 125℃
- Printed board fitting hole diameter: ϕ 0.6
- Adaptive socket: MEW-2 series

Part No.	L	Number of pins connected	H	Adaptive socket pin
MXW-2-0	3.0	30 × 2	–	–
MXW-2-1	3.7	30 × 2	3.5	MEW-2-1
MXW-2-2	4.4	30 × 2	4.0	
MXW-2-3	4.9	30 × 2	4.5	
MXW-2-4	5.4	30 × 2	5.0	

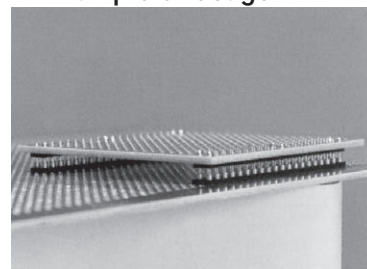
30P×2 connected

MEW-2-1（socket pin）

* The dimension H indicates the distance between the boards when combining MXW-2 series with MEW-2-1

■ **How to order:**

MXW-2-1-10PW

Please fill in the number of poles on one side.
(Maximum number: 30PW)
(If the number is not specified, we will deliver the part of the maximum number of connection.)

■ **Example of usage**

Combination of MXW-2 series
with MEW-2-1

Socket pin with super-low back (Pitch: 1.778mm)
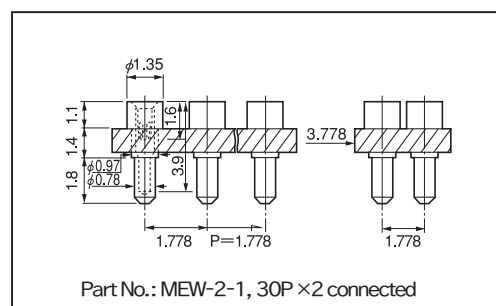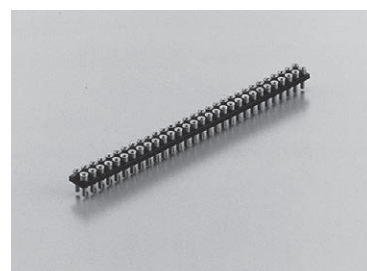
Part No.: MEW-2-1 （10pcs/pack）

- By combining this with MXW-2 series, PC boards can be mounted by two-tiered installation.
- This terminal is of two-row type with a pitch of 1.778 mm.
- Material
  Resin part: PPS resin black（UL94V-0），
  Pin part Body: Brass: Tin plating over nickel base
  Contact part Beryllium copper: Gold plating over nickel base
- Operating temperature range: − 40 to + 125℃ ● Rated current: 1A
- Insulation resistance : 500M Ω or over ● Withstand voltage: 700V AC, DC per minute
- Insertion / removal durability : 100 cycles ● Contact resistance:10m Ω or less
- Insertion / removal forces: 30g or over（per pin)
- Adaptive male pin diameter: ϕ 0.35 to ϕ 0.47
- Printed board fitting hole diameter: ϕ 0.9 to ϕ 1.0

■ **Part No.:** MEW-2-1

■ **How to order:**

MEW-2-1-10PW

Please fill in the number of poles on one side.
(Maximum number: 30PW)
(If the number is not specified, we will deliver the part of the maximum number of connection.)

Part No.: MEW-2-1, 30P ×2 connected

Rev. 44526A