



HOME



会社概要



環境に対する
取り組み



カタログ・サンプル
STEPファイル請求



問い合わせ

Model number search

Model number search in category

[Refine search]

Pitch order

- ☐ 5.08 mm
☐ 8 mm
☐ 8.45 mm
☐ 9.45 mm
☐ 9.75 mm
☐ 10.16 mm
☐ 13 mm
☐ 15 mm
☐ 21 mm
- ☐ 7.62 mm
☐ 8.1 mm
☐ 9 mm
☐ 9.5 mm
☐ 10 mm
☐ 11 mm
☐ 14 mm
☐ 16 mm
☐ 27 mm

[Product Summary](#) /
 [specification](#) /
 [Dimensional drawing](#) /
 [Dimension table](#) /
 [Ordering model number](#) /
 [Product STEP file download](#) /
 [made in Japan](#)

- ☐ M2.5
☐ M3
☐ M4
☐ M5
☐ M8
- ☐ M2.6
☐ M3.5
☐ M4.5
☐ M6

By application / shape

- ☐ 2 piece terminal block
☐ 2-stage terminal block
☐ 3-stage terminal block
☐ cover
☐ Cover mounting screw
☐ Cover mounting mold
☐ Cover mounting bracket
☐ Jumper bracket
☐ Also serves as a soldering plug-in terminal
☐ For soldering
☐ For printed circuit boards
☐ Horizontal mounting bracket
☐ Name plate
☐ For plug terminal
☐ Terminal number display sticker
☐ Bracket for relay soldering
☐ For relay

Rating V

- ☐ 125V
☐ 300V
☐ 500V
- ☐ 250V
☐ 380V
☐ 600V

Rating A

- ☐ 3A
☐ 7A
☐ 10A
☐ 16A
☐ 23A
☐ 30A
☐ 50A
☐ 75A
☐ 150A
- ☐ 6A
☐ 8A
☐ 15A
☐ 20A
☐ 25A
☐ 35A
☐ 60A
☐ 100A

By acquisition standard

- ☐ CSA
☐ TUV
- ☐ C-UL
☐ UL

Search for

Supplemental Information (PDF)

- ▶ [Handling precautions](#)
- ▶ [General notes](#)



スクリーレス端子台
Screwless Terminal



ネジ式端子台
Screw Terminal



ヒューズホルダー、
ヒューズ管
Fuse Holder, Fuse



表示台、LEDブラケット、
ネオンブラケット
Indicator



ツマミ
Knob



コンセント、コネクタ
Connector



ターミナル、チップジャック
Terminal, Tip Jack



クリップ、ソケット、プラグ
Clip, Socket, Plug



ブッシング、ラグ板
Bushing, Lug



アクセサリ
Accessory

販売中止品

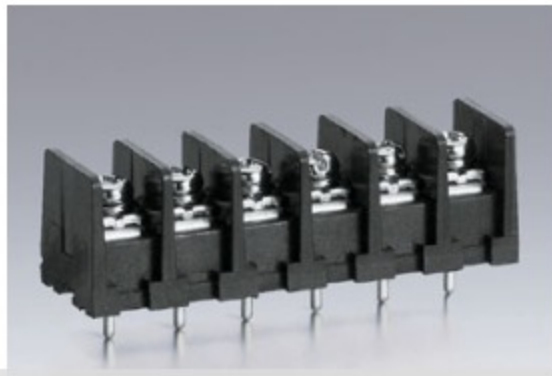


製品一部変更



[home](#) >
 [List of screw type terminal blocks](#) >
 ML-40-S1BYF

ML-40-S1BYF



Pitch between terminals 7.62 mm

For printed circuit boards

[Guidance on RoHS Directive](#)



* Icon link destination, overseas standard certificate

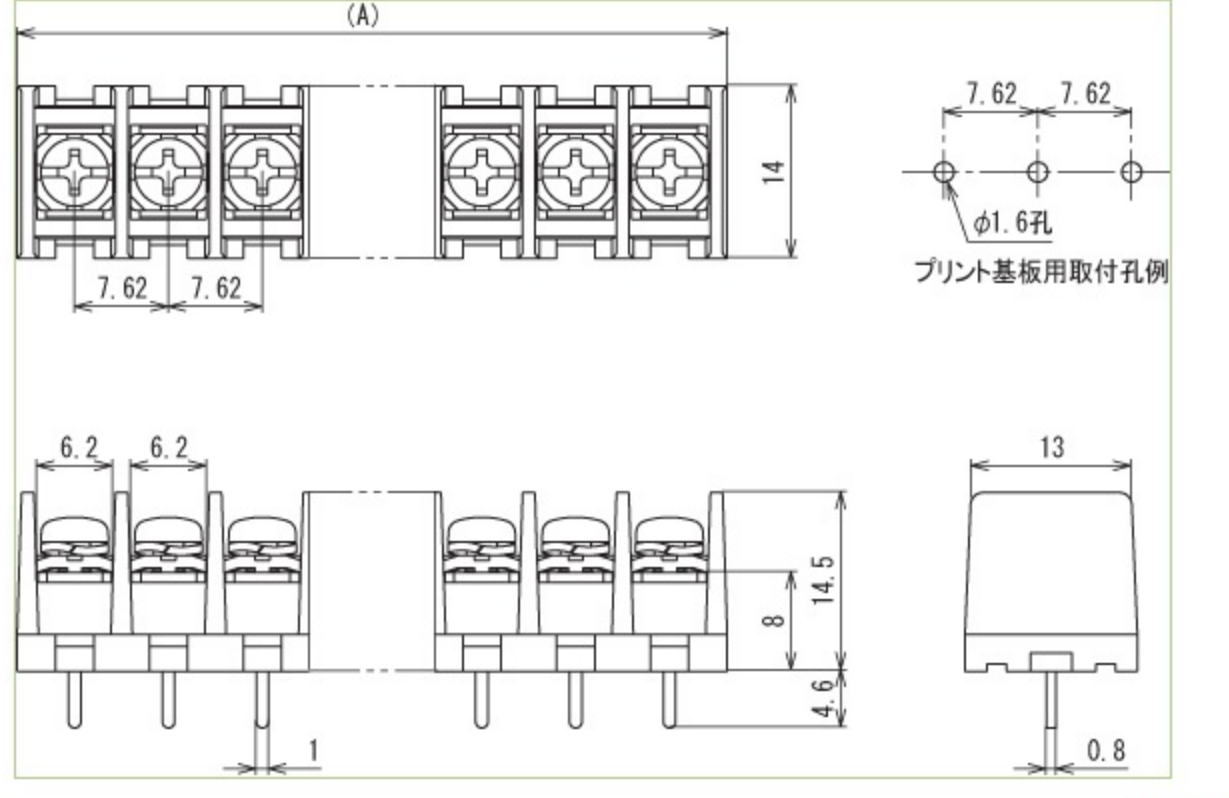
specification

Rating	250V-10A
Insulation resistance	DC500V, 1000MΩ or more
Withstand voltage	AC2000V (1 minute)
Acquisition standard	UL standard (field wiring compatible), CSA standard (CSA certified products must be specified when ordering)
Number of poles (P)	1 ~ 22
Insulating material	PBT (UL94V-0)
Terminal screw	Screw with square washer (M3×7.2), terminal screw tightening torque 0.5 N・m MAX
Terminal fitting	PC terminal
Body color	B (black)

(1) Since the number of poles other than 22P is created by cutting the main body, cutting marks (steps) will remain on both ends or one side of the main body. (2) When using as a standard product, check the restrictions on the standard. (3) When tightening the terminal screw without connecting the wire, tighten it with a torque of 0.2 to 0.3 Nm. (4) Do not use an impact driver to tighten the screws, as it may damage the threads. (5) When connecting the wires, be sure to follow the tightening torque, as excessive tightening may damage the threads.

Precautions

Dimensional drawing



Unit: mm

Dimension table

Number of poles	A	Number of poles	A	Number of poles	A	Number of poles	A	Number of poles	A	Number of poles	A
1	9.52	Five	40.00	9	70.48	13	100.96	17	131.44	twenty one	161.92
2	17.14	6	47.62	Ten	78.10	14	108.58	18	139.06	twenty two	169.54
3	24.76	7	55.24	11	85.72	15	116.20	19	146.68	-	-
Four	32.38	8	62.86	12	93.34	16	123.82	20	154.30	-	-

Ordering model number

Ordering model number ML-40-S1BYF- [Number of poles]

Order example ML-40-S1BYF-2P (when ordering 2P)

Solder heat resistance condition

Flow soldering conditions

Preheat temperature	100-140 °C
Preheat time	40 seconds
Immersion temperature	265 ± 3 °C
Immersion time	10 ± 1 second

Hand soldering (soldering iron) conditions

Iron tip temperature	390 ± 10 °C
Ironing time	5 ± 1 seconds
Number of times	Twice

Notes

- Reflow is a non-target product.
- The second soldering with the soldering iron should be done after the first soldering and after the product has cooled sufficiently and returned to room temperature.
- We recommend that you confirm the actual usage conditions before use. The above conditions have been confirmed by conducting tests on the product itself.

Optional Accessories

Bracket for relay soldering



[ML-1000-3G1](#)

Jumper bracket



[ML-1000-3H1](#)

Jumper bracket



[ML-1000-3H2](#)

Maintenance screws



[SA-1010-C082](#)

DXF / environmentally hazardous substance report (chemSHERPA) download

* Please read the [DXF file terms of use](#) before downloading the [DXF file](#).

* For environmentally hazardous substances report, please refer to [Environmental Initiatives](#).

* For the tools to view chemSHERPA data, see the [PDF download procedure manual](#).

For a list of surveys, please [PDF click here](#).

Model number	DXF file	Environmentally hazardous substance report (chemSHERPA)
ML-40-S1BYF-1P	download	download
ML-40-S1BYF-2P	download	download
ML-40-S1BYF-3P	download	download
ML-40-S1BYF-4P	download	download
ML-40-S1BYF-5P	download	download
ML-40-S1BYF-6P	download	download
ML-40-S1BYF-7P	download	download
ML-40-S1BYF-8P	download	download
ML-40-S1BYF-9P	download	download
ML-40-S1BYF-10P	download	download
ML-40-S1BYF-11P	download	download
ML-40-S1BYF-12P	download	download
ML-40-S1BYF-13P	download	download
ML-40-S1BYF-14P	download	download
ML-40-S1BYF-15P	download	download
ML-40-S1BYF-16P	download	download
ML-40-S1BYF-17P	download	download
ML-40-S1BYF-18P	download	download
ML-40-S1BYF-19P	download	download
ML-40-S1BYF-20P	download	download
ML-40-S1BYF-21P	download	download
ML-40-S1BYF-22P	download	download

