



SATO PARTS CO.,LTD.
ESTABLISHED SINCE 1948

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0120-70-7215

Contribute to manufacturing by delivery time, quality and service.

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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

Part number search

Search by category

[Narrow search]

Pitch order

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

Terminal screw size

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

Applications and shapes

- | |
|--|
| ☐ 2-piece terminal block |
| ☐ Two-stage terminal block |
| ☐ 3-stage terminal block |
| ☐ cover |
| ☐ Cover mounting screw |
| ☐ Cover mounting mold |
| ☐ Cover mounting bracket |
| ☐ Jumper hardware |
| ☐ Also for soldering insertion terminal |
| ☐ For soldering |
| ☐ For printed circuit boards |
| ☐ Horizontal mounting bracket |
| ☐ Name plate |
| ☐ For insertion terminal |
| ☐ Terminal number display |

[home](#) > [List of screw terminal blocks](#) > ML-2015

ML-2015

Partial product change notification

PDF [2013/10/03 Change of cover material and some product thickness](#)



made in Japan

Terminal pitch 11mm

For relay

[Information on RoHS Directive](#)

specification

Rating	250V-6A
Insulation resistance	DC500V, 100MΩ or more
Withstand voltage	AC2000V (1 minute)
Number of poles (P)	1-20
Main insulation	Phenol (UL94V-0)
Terminal screw	M3 × 6, terminal screw tightening torque 0.5N ・ m MAX
Body color	B (black)
Mounting method	screw
Precautions for use	(1) Since the number of poles other than 20P is manufactured by cutting, there are slight marks and steps. (2) The bottom of this product is not covered with insulating material, and it is a terminal block where the live part can be seen from the

[Product Summary](#) / [specification](#) / [Dimensions](#) / [Dimension table](#) / [Ordering model number](#) / [Solder heat resistance condition](#) / [Optional Accessories](#) / [download](#)

(Request a STEP file or sample of the product you are currently



Rated V

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

Rating A

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

By acquisition standard

- ☐ CSA
- ☐ C-UL
- ☐ TUV
- ☐ UL

Search for

Supplementary 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



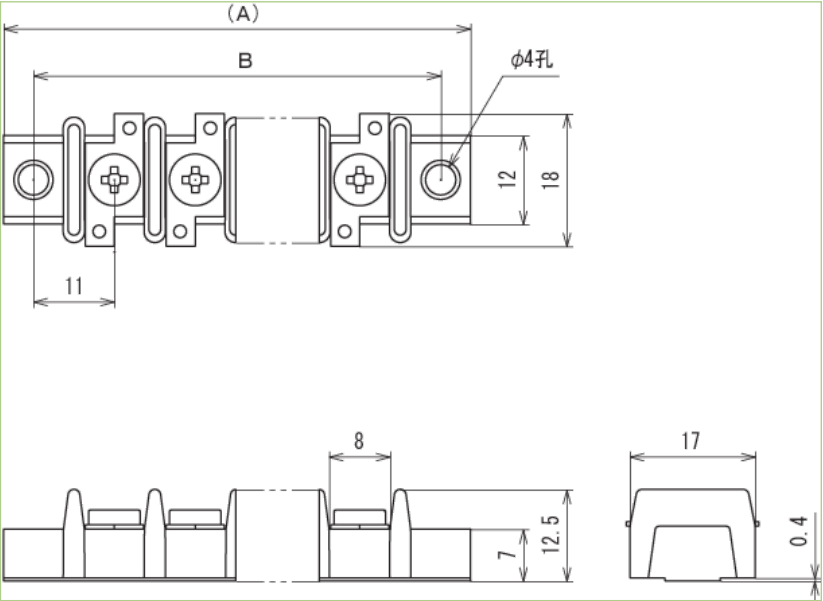
ブッシング、ラグ板
Bushing, Lug



アクセサリ
Accessory

material under the product. (3) When tightening terminal screws without connecting wires, use a torque of 0.2 to 0.3 N・m. すると Do not use an impact screwdriver to tighten the screws, as the screws may be damaged. ⑤When connecting wires, tightening too tightly may damage the screw, so observe the tightening torque.

Dimensions



Unit: mm

Dimension table

Number of poles	A	B	Number of poles	A	B	Number of poles	A	B	Number of poles	A	B
1	30.2	22.0	6	85.3	77.0	11	140.6	131.9	16	195.6	187.0
Two	41.2	32.9	7	96.3	87.9	12	151.6	143.0	17	206.6	197.8
Three	52.3	43.9	8	107.3	98.7	13	162.6	154.0	18	216.6	208.8
Four	63.3	54.9	9	118.4	109.7	14	173.6	164.9	19	227.6	219.9
Five	74.3	65.9	Ten	129.5	120.9	Fifteen	184.6	175.9	20	238.6	230.3

Ordering model number

Ordering model number ML-2015- [Number of contacts]
Ordering example ML-2015-2P (When ordering 2P)

Solder heat resistance condition

Hand soldering (solder ironing) conditions

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(Request a STEP file or sample of the product you are currently

Ironing time	5 ± 1 second
Number	Twice

Notes

- Flow reflow is not applicable.
- Perform the second soldering with a soldering iron after the product has cooled down sufficiently to room temperature after the first soldering.
- When using, we recommend checking under actual operating conditions. The above conditions were confirmed by conducting tests on a single product.

Optional Accessories



DXF / Environmentally hazardous substance report (chemSHERPA) Download

* Please read the [DXF File Terms of Use](#) when downloading [DXF files](#).

* For the report on environmentally hazardous substances, please see [Environmental Activities](#).

* For the tool for viewing 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-2015-1P	download	download
ML-2015-2P	download	download
ML-2015-3P	download	download
ML-2015-4P	download	download
ML-2015-5P	download	download
ML-2015-6P	download	download
ML-2015-7P	download	download
ML-2015-8P	download	download
ML-2015-9P	download	download
ML-2015-10P	download	download

	download	download
ML-2015-13P	download	download
ML-2015-14P	download	download
ML-2015-15P	download	download
ML-2015-16P	download	download
ML-2015-17P	download	download
ML-2015-18P	download	download
ML-2015-19P	download	download
ML-2015-20P	download	download