

Model number search

Search

Model number search
within category

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Pitch order

☐ 2.54mm

☐ 3.5mm

☐ 3.81mm

☐ 5mm

☐ 5.08mm

☐ 6.9mm

☐ 7.5mm

☐ 7.62mm

☐ 8mm

☐ 9mm

☐ 9.2mm

☐ 10mm

By application / shape

☐ 2-piece terminal block

☐ 2-stage terminal block

☐ Option plate

☐ Panel mounting parts

☐ For internal use

☐ Misinsertion prevention mold

☐ Misoperation prevention parts

☐ Mounting block

☐ Mounting rail

☐ For relay

Rated V

☐ 30V

☐ 150V

☐ 250V

☐ 300V

☐ DC300V

Rating A

☐ 3A

☐ 5A

☐ 7A

☐ 10A

☐ 15A

☐ 20A

By acquisition standard

☐ CSA

☐ C-UL

☐ PSE-JET

☐ TUV

☐ UL

Search for

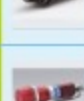
Supplementary information (PDF)

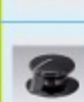
▶ Handling precautions

▶ General notes

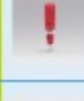
 スクリューレス端子台
Screwless Terminal

 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

 フッシング、ラグ板
Bushing, Lug

 アクセサリー
Accessory

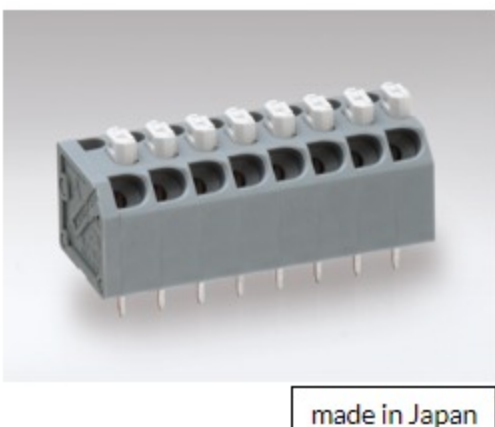
販売中止品

製品一部変更

[home](#) > [List of screwless terminal blocks](#) > **ML-2300-H**

ML-2300-H

April 2014 Resin material changed product
There are major changes in specifications for this product that uses nylon 66 resin.
[PDF: Notice of partial product changes](#)
Product partial change notification
[PDF: 2013/01/25 Change of body color etc. due to change of resin used](#)



Terminal pitch 3.5 mm

Compatible with stranded and single wires

There is a check hole

Press fit mechanism

Information on the RoHS Directive

 US E4101073

 J50097528

* Icon link, overseas standard certificate

Button color

W

GY

B

R

Y

G

BL

BR

As a custom order, we accept button color products that are effective in preventing incorrect wiring.
The standard button color is W (white). The only color variation is the button.

specification

Rated	300V-5A
Insulation resistance	DC500V, 100MΩ or more
Withstand voltage	AC2000V (1 minute)
Acquisition standard	UL standard (compatible with field wiring), C-UL standard, TÜV standard (conforms to IEC60947-7-1)
Number of poles (P)	2-20
Check hole	Yes
Main insulation (main body)	Nylon 66 (UL94V-0)
Main insulation (button)	Modified PPE (UL94V-0)
Rated conforming wire	Single wire: Φ0.8mm (AWG20), Twisted wire: 0.5mm ² (AWG20) Wire diameter Φ0.18mm or more
Usable wire range	Single wire: Φ0.4mm to Φ1.2mm (AWG26 to AWG16), Twisted wire: 0.2mm ² to 0.75mm ² (AWG24 to AWG20) Wire diameter Φ0.18mm or more
Terminal bracket	PC terminal
Standard stripped wire length	8mm
Body color	GY (gray)
End plate color	GY (gray)
Operation part color	W (white), GY (gray), B (black), R (red), Y (yellow), G (green), BL (blue), BR (brown)
Recommended compatible tools	Flat-blade screwdriver (shaft diameter Φ3 mm, cutting edge width 2.6 mm)
Product Summary	(1) The standard color of the button is white, and non-standard colors (including color combinations) are custom-made.
Precautions for use	(1) Please avoid washing the whole button as it may adversely affect the buttons. (2) When using as a standard product, check the restrictions on the standard.

Dimensional drawing

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	---	---	6	22.5	17.5	11	40.0	35.0	16	57.5	52.5
2	8.5	3.5	7	26.0	21.0	12	43.5	38.5	17	61.0	56.0
3	12.0	7.0 7.0	8	29.5	24.5	13	47.0	42.0	18	64.5	59.5
Four	15.5	10.5	9	33.0	28.0	14	50.5	45.5	19	68.0	63.0
Five	19.0	14.0	Ten	36.5	31.5	15	54.0	49.0	20	71.5	66.5

Order model number

Order model number **ML-2300-H-** [Number of poles]
Order example **ML-2300-H-2P** (when ordering with 2P)

Solder heat resistance conditions

Flow soldering conditions	
Preheating temperature	100-140 °C
Preheating time	40 seconds
Immersion temperature	265 ± 3 °C
Immersion time	10 ± 1 second

Hand soldering (soldering ironing) conditions	
Iron tip temperature	390 ± 10 °C
Iron guessing time	5 ± 1 second
Number of times	Twice

Precautions

- Reflow is a non-applicable product.
- Perform the second soldering with a soldering iron after the product has cooled sufficiently and returned to room temperature after the first soldering.
- When using it, we recommend that you check it according to the actual usage conditions. The above conditions have been confirmed by testing the product itself.

DXF / Environmental Hazardous Substances Report (chemSHERPA) Download

* Please read the [DXF file terms of use](#) when downloading the [DXF file](#).
* [Click here](#) for a how to download chemSHERPA and view ingredient information.
* [Click here](#) for a list of chemical substance surveys.
* If red phosphorus is intentionally added, it is voluntarily reported by chemSHERPA.

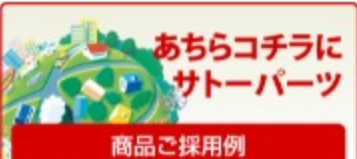
Model number	DXF file	Environmentally Hazardous Substance Report (chemSHERPA)
ML-2300-H-2P	download	download
ML-2300-H-3P	download	download
ML-2300-H-4P	download	download
ML-2300-H-5P	download	download
ML-2300-H-6P	download	download
ML-2300-H-7P	download	download
ML-2300-H-8P	download	download
ML-2300-H-9P	download	download
ML-2300-H-10P	download	download
ML-2300-H-11P	download	download
ML-2300-H-12P	download	download
ML-2300-H-13P	download	download
ML-2300-H-14P	download	download
ML-2300-H-15P	download	download
ML-2300-H-16P	download	download
ML-2300-H-17P	download	download
ML-2300-H-18P	download	download
ML-2300-H-19P	download	download
ML-2300-H-20P	download	download

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