MAX

LETATWIN
LM-550A2 SERIES

PORTABLE PRINTER FOR
CONTROL PANEL
WIRE NUMBERING & DEVICE LABELING

PORTABLE PRINTER FOR WIRE & DEVICE IDENTIFICATION

1 INTEGRATED RECHARGEABLE BATTERY

Even when you can not find a power supply nearby, you can continue wire numbering and device labeling on site by loading 4, AA size rechargeable batteries.

*Panasonic eneloop AA rechargeable batteries are recommended. Please inquire about other rechargeable battery brands.
*Rechargeable batteries are not included with a printer purchase.
*You can print & half-cut approximately 10m(20mm pitch length X 500 block)tube using fully charged rechargeable Ni-MH batteries.

1 Battery Insertion

Open

AA batteries x 4pcs

*`eneloop` is a registered trademark of Panasonic Corporation group.

2 Bringing Printer

Top

Side

3 Printing without Power connection.

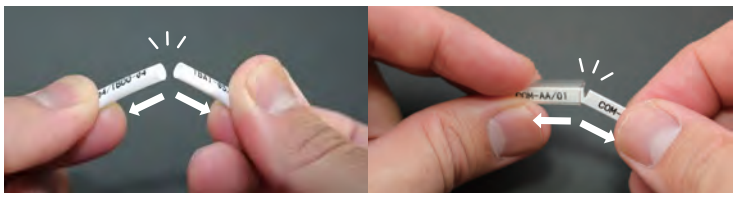
Input

Printing

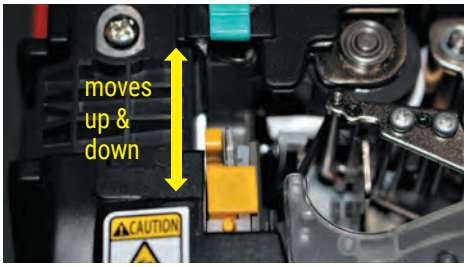
2 HALF CUT FUNCTION

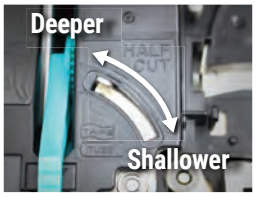
Adjust your marker length using the integrated Half Cut function.This unique function brings you:
Higher visibility of printed characters.
Less print media changes.
Easy inventory management for print media.

1 Half Cut function



Half cut tubing is easily cut by hand.

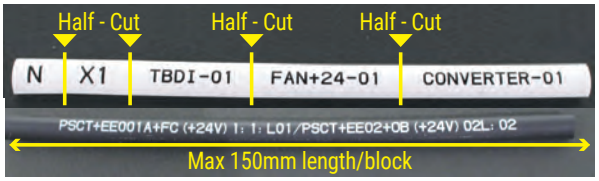




Depth of the half cut can be adjusted.

2 Available block length

Heat Shrink Tubing: 10-150mm/block



Vinyl(PVC) Round Tubing: 10-150mm/block

Tape: 3.5-60mm/block

ID Plate: 10-60mm/block

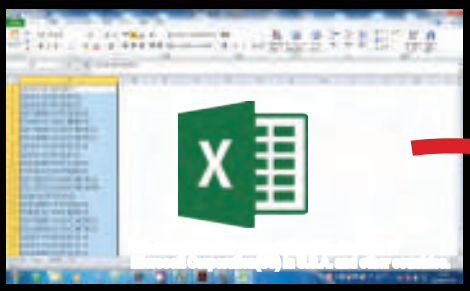
MARKING SOLUTIONS WITH THE UNIQUE FEATURES BELOW:

3 PC CONNECTION

Easy Operation : Copy & Paste

LETATWIN PC EDITOR

Change data to Windows Excel or a [.csv] file

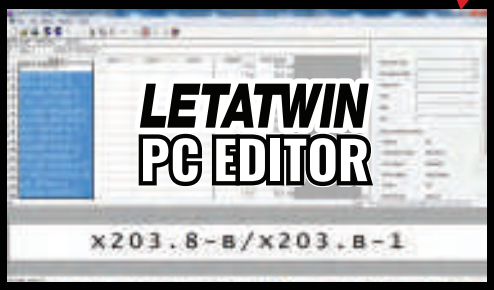


Copy & Paste

*`Windows`and `Excel` are registered trademarks of Microsoft Corporation of North America and other countries.

DATA TRANSFER

USB



4 EASY STEPS OF TUBE(SLEEVE) MARKING

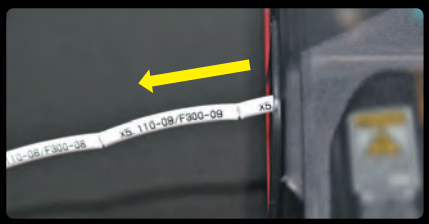
Check the outer wire diameter.

USA	Recommended Tubing Size		
Wire	GRIP	N2	L2 and L
AMG24	TU29G	-	-
AMG22	TU37G	-	TU425
AMG20		-	TU425
AMG18		-	TU427
AMG16		TU332	TU432
AMG14	-	TU336	TU434 or 436
AMG12	-	TU342	TU442
AMG10	-	TU352	TU452
AMG8	-	-	TU464
AMG6	-	-	TU480

Select appropriate tubing size.

Set the tubing on LETATWIN.

You can carry the half cut printed tubing.



LETATWIN prints and half cut the tubing.

Input print data

Insert 2pcs of the marked blocks

Cut by Hands

Done!

*The recommended size does not guarantee a match between wire and tube.We recommend checking the outside wire diameter.

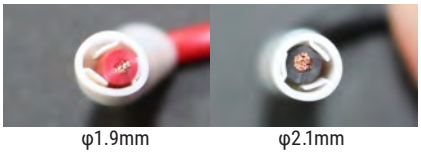
VERSATIL PRINT MEDIA

1 GRIP TUBE *Easy stop & Multi wire diameter tubing(sleeve)*

Specially designed internal tube shape helps your markers hold a fixed position on the wire, even when using multiple wire diameter sizes. This material is a good fit to ferrule terminals.

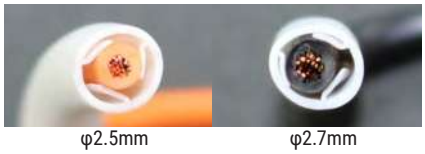
1 Inside Shape

TU29G (Outer Wire:φ1.9~2.1mm)



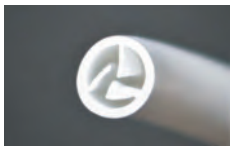
φ1.9mm φ2.1mm

TU37G (Outer Wire:φ2.5~2.7mm)



φ2.5mm φ2.7mm

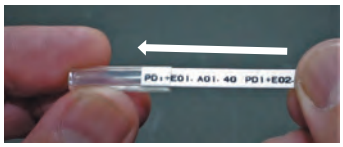
2 Features



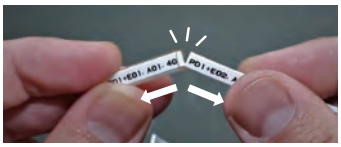
2 ID PLATE *w4.1mm X t1.0mm Polyethylene Plate for Sleeve pocket.*

Print by LETATWIN

Push into sleeve pocket



Cut by hands



Done!

*HALOGEN FREE : Accordance with IEC61249-2-21,Cl ≦ 0.09wt%, Br ≦ 0.09wt%, total content rate of both is ≦ 0.15wt%

3 ROUND TUBE *Vinyl(PVC)and Half-cuttable by LETATWIN*

1 `L`Tube (Vinyl(PVC)/Drum Roll/No UL)

The drum roll design allows the tube to feed smoothly.

2 `N`Tube (UL224/E171616/105°C/600V)

This `N` tube series has acquired the UL224 certification, high insulation performance.

USA	Recommended Tubing Size		
Wire	GRIP	N2	L2 and L
AMG24	TU29G	-	-
AMG22	TU37G	-	TU425
AMG20		-	TU425
AMG18		-	TU427
AMG16	-	TU332	TU432
AMG14	-	TU336	TU434 or 436
AMG12	-	TU342	TU442
AMG10	-	TU352	TU452
AMG8	-	-	TU464
AMG6	-	-	TU480

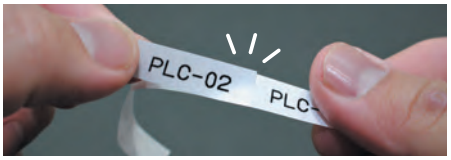
*The recommended size does not guarantee a match between wire and tube.We recommend checking the outside wire diameter.

4 TAPE *(w5/9/12mm)* & MARKABLE SLIDE PLATE *(w10.7 X t0.5mm)*

Half cut is also usable on polyester tapes. Useful for control panel device labeling.

1 Polyester Tape (w5/9/12mm/White/Yellow/Transparent)

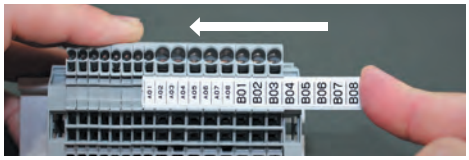
Half Cut is available.



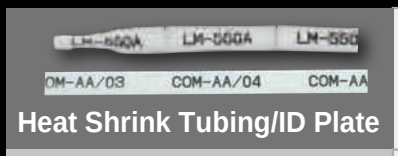
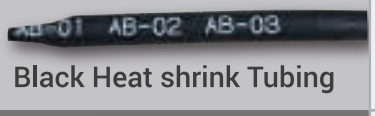
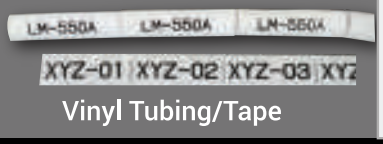
Stick tape onto Slide Plate

2 Markable Slide Plate

Terminal Block Strip



5 INK RIBBON *Thermal transfer for Vinyl(PVC) & HS tubing(sleeve) etc*

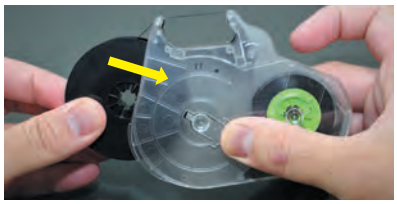
 Heat Shrink Tubing/ID Plate	BLACK Ink Ribbon LM-IR50BP (Blue Core) *Halogen Free
 Black Heat shrink Tubing	WHITE Ink Ribbon LM-IR50W (Green Core)
 Vinyl Tubing/Tape	BLACK Ink Ribbon LM-IR50B (Green Core)

*Black ink ribbon is 110m(120.3yard)/roll, white ink ribbon is 70m(76.6yard)/roll

*Expression of `Halogen Free` is accordance with IEC 61249-2-21,Chlorine(Cl)≦0.09wt%(900ppm), Bromine(Br)≦0.09wt%(900ppm),total content rate of both materials is≦0.15wt%(1500ppm).

Remove

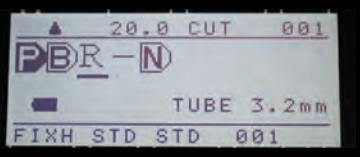
Insert



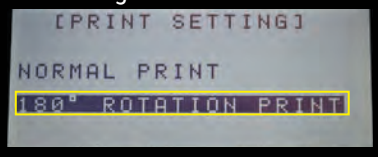
USEFUL FUNCTIONS

1 AUTOMATIC 180 DEGREE ROTATION:

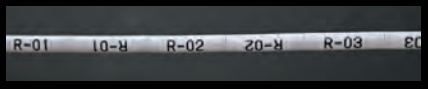
1.Input Data:



2.Print Setting:



3. Printed block:



*Marking blocks are automatically duplicated, the duplicated marking blocks can not seen if you press `IMAGE` key.

*If the REPEAT` number is set to 2, please change the `REPEAT` setting into 1.

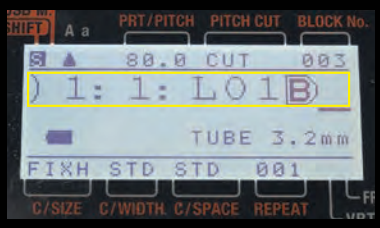
2 INPUT ASSISTANCE FUNCTION

If the amount of input characters for wire numbering is large, it can feel frustrating. You can use this function to cut your input data time.

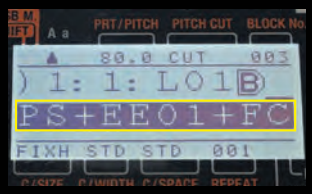
1. When printing wire numbering as below:

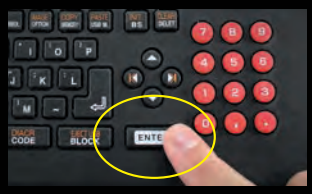
SOURCE	TARGET
PS+EE02+QB(+24V) 02 : L02	PS+EE01+FC(+24V) 1 : 1 : L01

2. Input your numbers and characters with keyboard according to the source and target and then press the `block` key.



3. By pressing `SHIFT` and`A/a`keys together, you can recall the characters entered immediately before. Press `ENTER` if you want to print it.





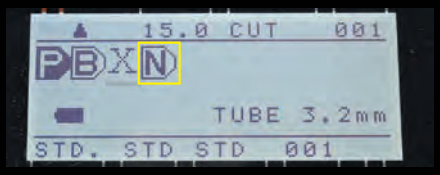
*This function is available only when one slash [/] is entered between the source and target.

*You can also select input candidates with the ▲ / ▼ keys.

*`Sequence Settings` are not automatically copied by this function.

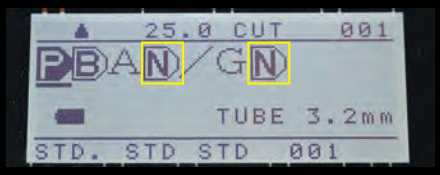
3 SEQUENCE SETTINGS: UP TO 3 SEQUENCES IN A BLOCK.

One sequence in a block;



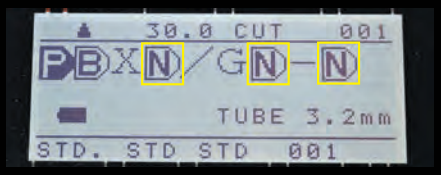
image

Two sequences in a block;

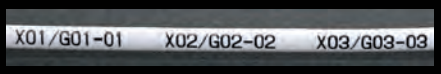


image

Three sequences in a block;



image

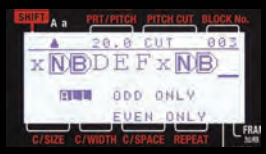


4 VERSATIL SEQUENCE SETTING

START / END

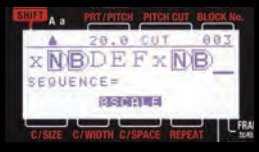
START ▼ 1010, 1011, 1012 ... 1025 ▼ **END**

ODD / EVEN



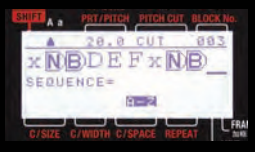
ODD: 1, 3, 5, 7, 9, 11....
EVEN: 2, 4, 6, 8, 10, 12....

8 / 10 / 16 SCALE



8 Scale: 1,2,3.. 7, 10, 11..
10 Scale: 1,2,3.. 9, 10, 11..
16 Scale: 1,2,3.. 9, A, B ..

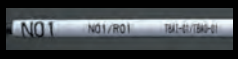
ALPHABETICAL



CAP: A, B, C, D ... Z
L.C.: a, b, c, d, ... z

5 AUTO SIZE: CHARACTER AUTO & PITCH AUTO IMPROVE VISIBILITY OF MARKINGS.

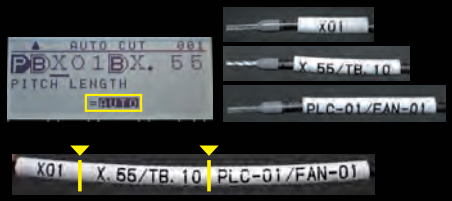
1. STANDARD AUTO CHARACTER:
You can shorten the character block length but character height also changes.



2. FIXED HEIGHT AUTO CHARACTER:
Only character height is fixed, character length changes automatically for higher visibility.

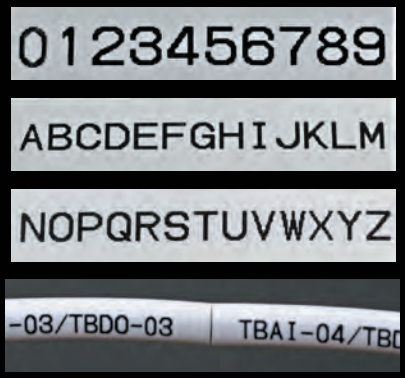
3. SUPER AUTO CHARACTER:
You can shorten character size&space/ line space, so you can save consumable consumption.

4. Printing block length is automatically fixed by setting character size.

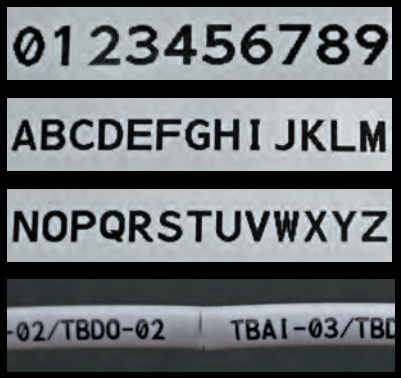


6 CHARACTER FONT CHOICES: THREE FONTS FOR BETTER VISIBILITY.

1. STANDARD:
Same in past models.

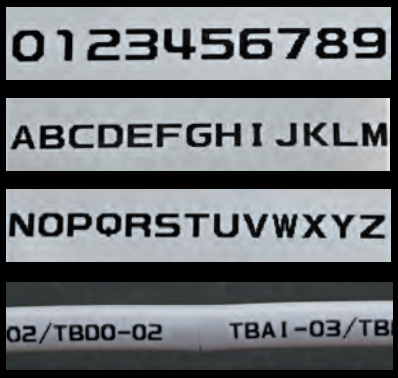


2. CLEAR CHARACTER:
Desinged for decreasing misreading.



*Especially`3``6``8``9``0(zero)``O(oh)` are designed for prevention from misreading.

3. SQUARE SHAPE:
Height & Width are equal length.



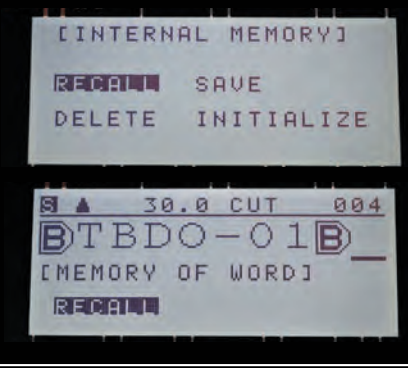
*Accutual character size is little bit smaller than the set characer size.

BASIC FUNCTIONS

1 INTERNAL MEMORY / MEMORY OF WORD:

<INTERNAL MEMORY>
Up to 5,000 characters / file
Up to 50 files / printer
Up to 250,000 characters / printer

<MEMORY OF WORD>
Up to 15 characters / word
Up to 30 words / printer

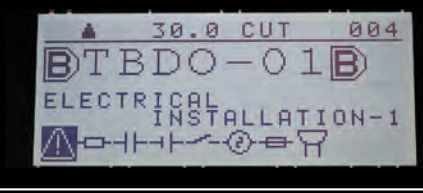


2 NUMERIC KEYBOARD:

The numeric keypad makes it easy to type numbers quickly and with only one hand.

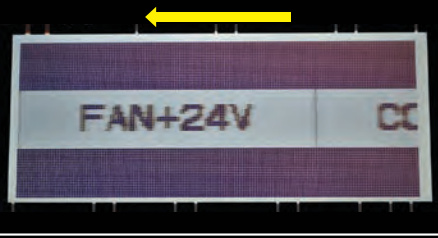
3 ELECTRICAL MARKING SYMBOLS

You can choose symbols from locally saved data in printer such as `Electrical` and `Unit` symbols.



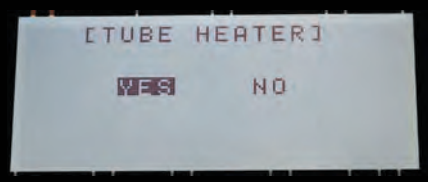
4 PREVIEW

Before printing, you can check the print content and total print length by pressing the `IMAGE` key.
You can decrease print media waste from misprints.



5 TUBE HEATER

When your workplace is cold, this function can help tubing (sleeve) stay soft by heating.
You can maintain high printing quality on tubing(sleeve).
*Only 2.5-4.2mm size round Vinyl(PVC) tubing are available this function.



*This heater cannot be used when using rechargeable batteries.

6 ADVANCED SETTING

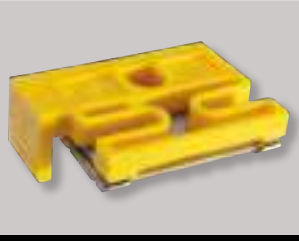
You can adjust detailed settings in `ADVANCED SETTINGS` such as Cutting Position, Print Position, Default Pitch Length, Default Repeat Value, Print Density, Font Choice, Automatic Power Off etc.

OTHER ITEMS

Ink Ribbon Case

LM-RC500

Half Cutter



LM-HC340

Attachment

Attachment for ID Plate

SPECIFICATIONS

ITEMS	CONTENTS
Name	ELECTRONIC LETTERING MACHINE **LM-550A2BH PC**
Dimensions	295 (W)×293 (D)×94 (H) mm
Weight	2.4kg
Printing method	Thermal transfer method (300dpi)
Display	LCD dot matrix : 64×160 Pixel (Backlit)
Printing speed	40mm/s (Standard) 20mm/s (Low temperature mode)
Maximum Printing length	Tube : 100m, Tape : 5m By multiple copy printing,maximum 30copies, upto Tube ; 100m, Tape ; 7m
Maximum number of characters to input	5,000 characters per file
Character size	1.3 , 2 , 3 , 4 , 6mm height
Usable tube	φ1.5mm ~ 8.0mm (Vinyl Tubing) (For GRIP TUBE, φ1.5~2.0mm tubes, the dedicated attachment (standard accessory) is required.) φ2.0mm ~ 6.5mm (Heat Shrink Tubing)
Usable tape	Width 5, 9, 12mm (Max genuine tape)
Usable ID Plate	2.5/4.1/4.6/6.3/9.0mm wide. *ID Plate Âttachment Only compatible with MAX brand 4.1mm wide.
Tube cutting method	Auto half cut, manual full cut
Internal memory	250,000 characters (Maximum 50 files)
External memory	USB memory
Interface	USB 2.0 full speed
Power supply	DC12V, 4.2A Use only specified AC Adapter (100V~240V) included in the package
Power consumption	Max 40 W
Operating environment	10˚C to 35˚C

CONSUMABLES & OTHER ITEMS

GRIP TUBE(Vinyl(PVC)/Drum roll)

Easy stop & Multi size tube *Not UL certified.

LM-TU29G WHITE	φ1.9~2.1mm x 100m/ROLL
LM-TU37G WHITE	φ2.5~2.7mm x 100m/ROLL

INK RIBBON CASE 20PCS./CTN

LM-RC500	

ECONOMICAL INK RIBBON REFILLS 10 ROLLS/BOX

LM-IR50B (BLACK)	110m (120y) / ROLL

INK RIBBON REFILLS FOR HEAT SHRINK TUBING 10 ROLLS/BOX

LM-IR50BP (BLACK)	110m (120y) / ROLL
LM-IR50W (WHITE)	70m (76.7y) / ROLL

HALF CUTTER *REPLACEBLE

LM-HC340	2pcs/box

`L`Tube (Vynyl(PVC)/Drum roll)

*Not UL certified

LM-TU425L2 WHITE	φ2.5mm x 250m / ROLL
LM-TU427L2 WHITE	φ2.7mm x 250m / ROLL
LM-TU432L2 WHITE	φ3.2mm x 250m / ROLL
LM-TU434L2 WHITE	φ3.4mm x 250m / ROLL
LM-TU436L2 WHITE	φ3.6mm x 250m / ROLL
LM-TU442L WHITE	φ4.2mm x 200m / ROLL
LM-TU452L WHITE	φ5.2mm x 135m / ROLL
LM-TU464L WHITE	φ6.4mm x 100m / ROLL
LM-TU480L WHITE	φ8.0mm x 70m / ROLL

`N`Tube (UL224/E171616/105°C/600V)

LM-TU332N2 WHITE	φ3.2mm x 100m / ROLL
LM-TU336N2 WHITE	φ3.6mm x 100m / ROLL
LM-TU342N2 WHITE	φ4.2mm x 80m / ROLL
LM-TU352N2 WHITE	φ5.2mm x 80m / ROLL

ID Plate (w4.1mm X t1.0mm)

LM-ID PLATE4110	White, 20m/reel

POLYESTER TAPE CASSETTE 10PCS./BOX

LM-TP505W (WHITE)	5mm(W)×16m(17.5y) (L)/PC
LM-TP505Y (YELLOW)	5mm(W)× 8m(8.7y) (L)/PC
LM-TP505T (TRANSPARENT)	5mm(W)× 8m(8.7y) (L)/PC
LM-TP509W (WHITE)	9mm(W)×16m(17.5y) (L)/PC
LM-TP509Y (YELLOW)	9mm(W)× 8m(8.7y) (L)/PC
LM-TP509T (TRANSPARENT)	9mm(W)× 8m(8.7y) (L)/PC
LM-TP512W (WHITE)	12mm(W)×16m(17.5y) (L)/PC
LM-TP512Y (YELLOW)	12mm(W)× 8m(8.7y) (L)/PC

MARKABLE SLIDE PLATE

Markable Plastic Plate for Terminal block labeling.

LM-KM4107	φ wide10.7mm X thickness0.5mm X 25m/roll

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