

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0549270320](#)
Status: **Active**
Description: 5.00mm (.197") Pitch MTC™ Spring Type Receptacle, Lead-free, 3 Circuits Version, White Color

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51240-005 \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Terminal Blocks
Series	54927
Application	Wire-to-Board
Component Type	Plug
Product Name	MTC™
Type	Euro Block

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Number of Rows	1
Orientation	Vertical
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-30°C to +85°C
Wire Size AWG	14, 16, 18, 20, 22, 24, 26

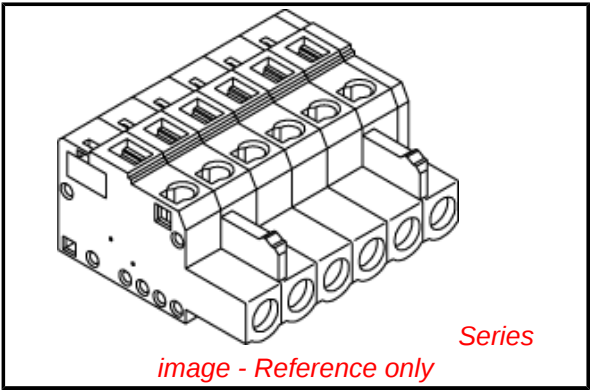
Electrical

Current - Maximum per Contact	16A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51240-005, RPS-51240-006
Sales Drawing	SD-54927-004



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**
Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[54927Series](#)

Mates With
[55757](#)

10

9

8

7

6

5

4

3

2

1

注記 NOTES:

1. 材質

MATERIAL

- ハウジング、ハウジングカバー
HOUSING, HOUSING COVER

ガラス無しポリブチレンテレフタレート、UL94V-0
POLYBUTYLENE TEREPHTHALATE, GLASS NON FILLED, UL94V-0
色：表参照
COLOR : REFER TO THE CHART

- ターミナル
TERMINAL

銅合金
COPPER ALLOY

- スプリング
SPRING

ステンレス
STAINLESS STEEL

2. メッキ仕様

PLATING

錫メッキ：1.0μm MIN.

TIN PLATING : 1.0 MICROMETER MINIMUM

ニッケルメッキ：1.0μm MIN. (下地メッキ)

NICKEL PLATING : 1.0 MICROMETER MINIMUM (UNDER PLATING)

3. 適用電線範囲：AWG#14～#26

APPLICABLE WIRE : AWG#14～#26

4. 被覆外径：φ3.8 MAX.

INS. DIA. : φ3.8 MAX.

5. 適合レバー：54932-****

APPLIED LEVER : 54932-****

6. 製品番号

MATERIAL NO.

54927-**2*

極数 CIRCUIT SIZE

色 COLOR

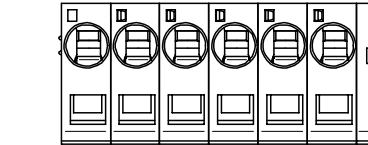
アイボリー IVORY	0
黒 BLACK	1
灰 GRAY	5

7. 被覆剥き長さ：8～9mm

INSULATION STRIPPING LENGTH : 8～9mm

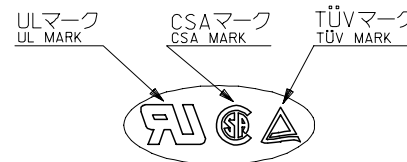
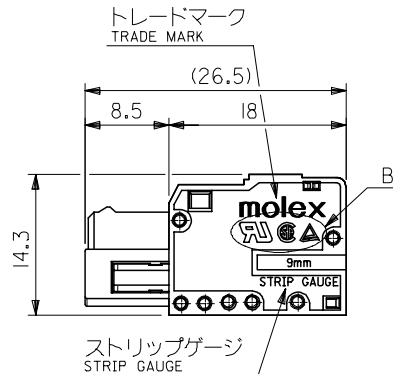
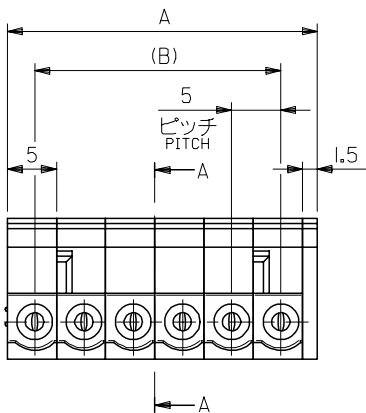
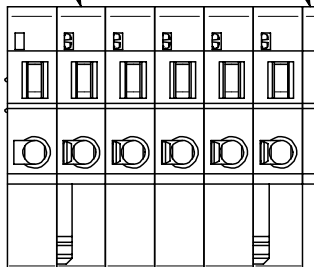
8. 本製品は 54927-**1* の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 54927-**1*.

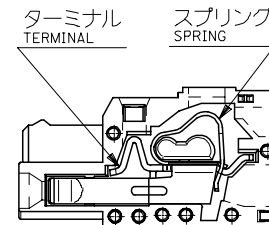


ハウジング
HOUSING

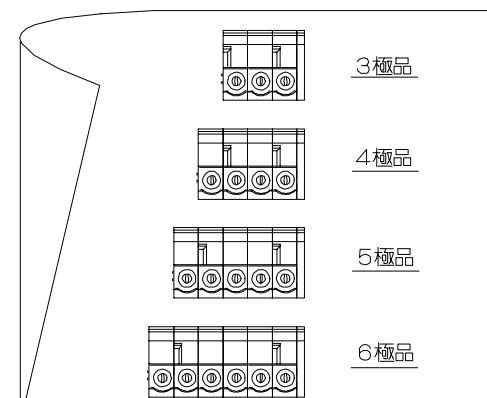
ハウジングカバー
HOUSING COVER



詳細 B
DETAIL B
(SCALE 4:1)



断面 A-A
SECTION A-A



25	31.5	54927-062*	6
20	26.5	54927-052*	5
15	21.5	54927-042*	4
10	16.5	54927-032*	3
B	A	製品番号 MATERIAL NO.	極数 CIRCUITS

RELEASED EC NO: J2006-0310 DRWN:MABE1 CHKDK:TOYODA APPR:NUKITA	2005/08/02 2005/08/02 2005/08/09	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			10 UNDER	±0.2	DRAWN BY M.NABE1	DATE '05/07/27	TITLE MTC (MULTI TERM CONN) SMM REC HSG ASSY -LEAD FREE-		
			10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/07/27			
			30 OVER	±0.3	APPROVED BY N.UKITA	DATE '05/07/27			
			ANGULAR ±3 °		MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54927-004		1 OF 2
			0	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

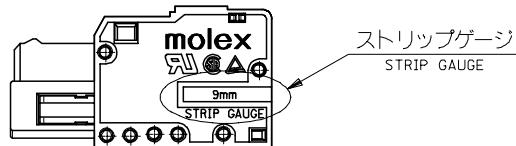
MTC (MULTI TERM CONN)
5MM REC HSG ASSY
-LEAD FREE-

molex MOLEX INCORPORATED

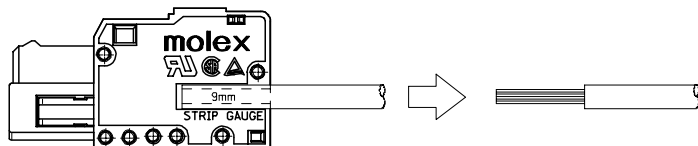
SHEET NO.
1 OF 2

ストリップゲージの使用法
USE OF STRIP GAUGE

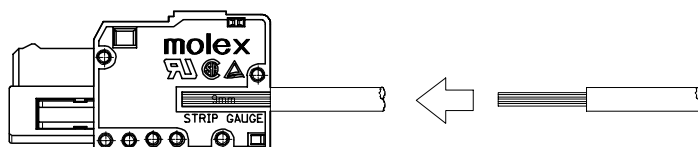
ハウジングカバーに付いているストリップゲージは、以下のようにご使用下さい。
PLEASE USE THE STRIP GAUGE WHICH HAS ADHERED TO THE HOUSING COVER AS SHOWN
IN THE FIGURE BELOW.



1. 電線をストリップゲージに合わせ被覆を剥く。
THE ELECTRIC WIRE IS MATCHED TO THE STRIP GAUGE, AND STRIPPING INSULATION.



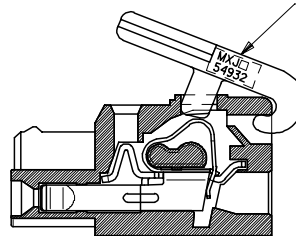
2. 既に被覆を剥いた電線をストリップゲージに合わせ被覆剥き長さを確認する。
THE ELECTRIC WIRE WHICH HAS ALREADY PEELED OFF INSULATION IS MATCHED TO THE
STRIP GAUGE, AND THE STRIPPING LENGTH IS CONFIRMED.



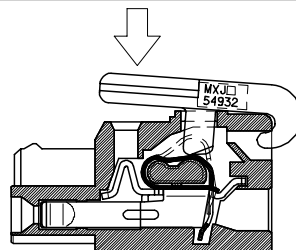
※ 被覆剥き長さ : 8~9mm
STRIPPING LENGTH : 8~9mm

結線方法
METHOD OF CONNECTING WIRES

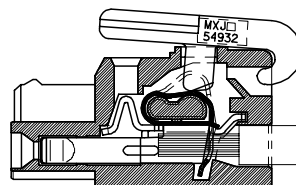
結線レバー
LEVER
54932-****



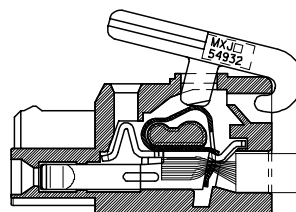
1. 結線レバーをハウジングに装着する。(脱着自在)
THE LEVER OF CONNECTING WIRES IS INSTALLED IN THE HOUSING.
(DETACHING IS FREE)



2. 結線レバーを矢印方向に押す。
THE LEVER OF CONNECTING WIRES IS PUSHED IN THE DIRECTION
OF THE ARROW.



3. 結線レバーを押したまま電線を矢印方向に挿入する。
THE ELECTRIC WIRE IS INSERTED IN THE DIRECTION OF THE ARROW
WITH THE LEVER OF CONNECTING WIRES PUSHED.



4. 結線レバーを放す。
THE LEVER OF CONNECTING WIRES IS RELEASED.

RELEASED EC NO: J2006-0310 DRAWN: MABEI CHKD: K. TOYODA APPR: NUKITA	2005/08/02 2005/08/02 2005/08/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER	± 0.2	DRAWN BY M. NABEI	DATE '05/07/27	TITLE MTC (MULTI TERM CONN) 5MM REC HSG ASSY -LEAD FREE-				
			10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE '05/07/27					
			30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/07/27	MOLEX INCORPORATED				
			ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54927-004		2 OF 2		
0	REV	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								