

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0549270420

Status:

Active

Description:

5.00mm (.197") Pitch MTC™ Spring Type Receptacle, Lead-free, 4 Circuits Version, White Color

Documents:

Drawing (PDF)

Product Specification PS-51240-005 (PDF)

RoHS Certificate of Compliance (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

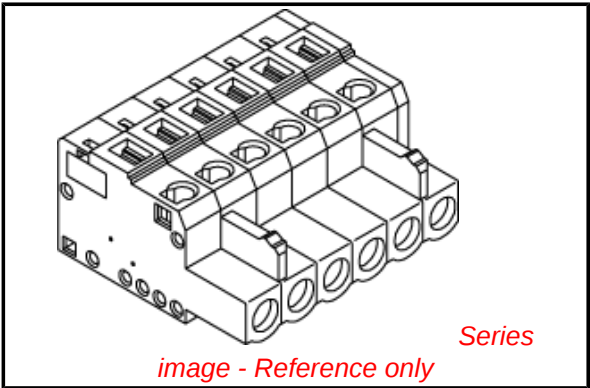
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	White
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
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
Plating min: Mating (µin)	120
Plating min: Mating (µm)	3
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-30°C to +85°C
Termination Interface: Style	Surface Mount
Wire Size AWG	14, 16, 18, 20, 22, 24, 26

Electrical

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

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



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

This document was generated on 04/27/2010

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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

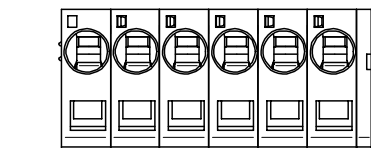
アイボリー IVORY	0
黒 BLACK	1
灰 GRAY	5

7. 被覆剥き長さ：8～9mm

INSULATION STRIPPING LENGTH : 8～9mm

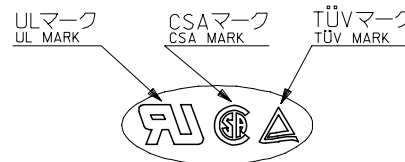
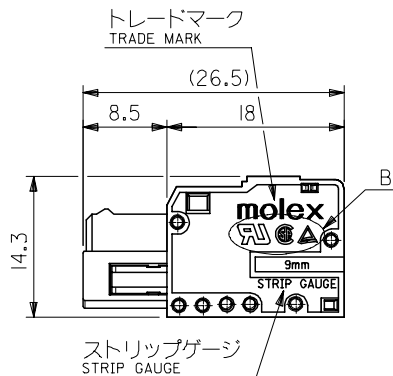
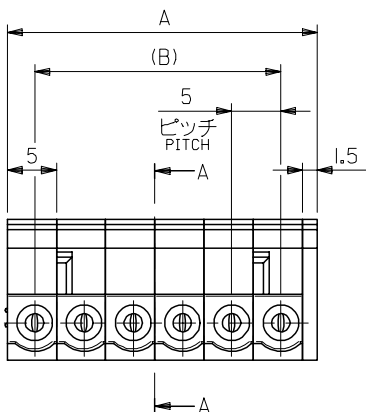
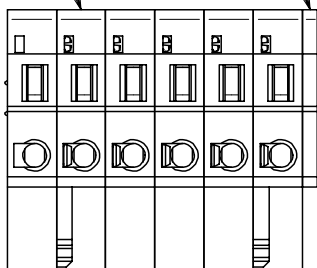
8. 本製品は 54927-**1* の鉛フリー品である。

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

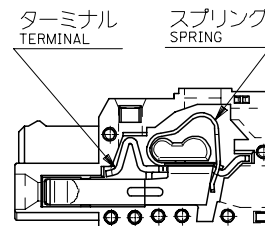


ハウジング
HOUSING

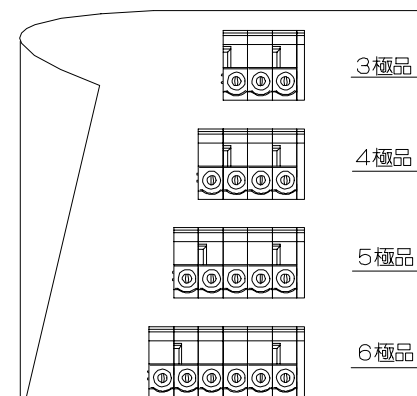
ハウジングカバー
HOUSING COVER



詳細 B
DETAIL B
(SCALE 4:1)



断面 A-A
SECTION A-A

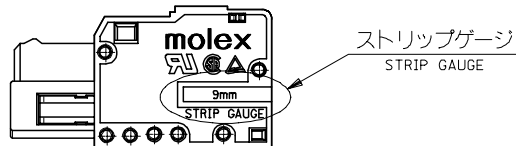


25	31.5	54927-062*	6
20	26.5	54927-052*	5
15	21.5	54927-042*	4
10	16.5	54927-032*	3
B	A	製品番号 MATERIAL NO.	極数 CIRCUITS

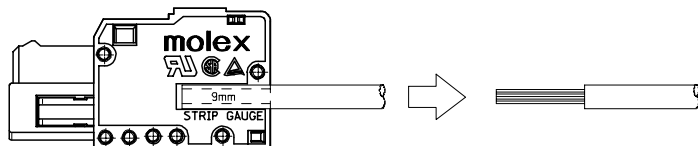
RELEASED EC NO: J2006-0310 DWG: M.NABEI CHKD: K.TOYODA APPR: N.UKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M.NABEI	DATE '05/07/27	TITLE MTC (MULTI TERM CONN) 5MM REC HSG ASSY -LEAD FREE-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

ストリップゲージの使用法
USE OF STRIP GAUGE

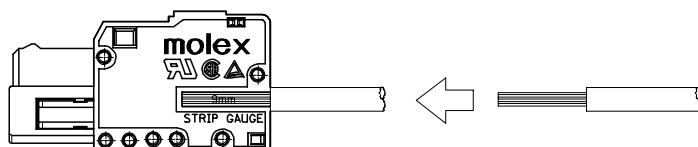
ハウジングカバーに付いているストリップゲージは、以下のようにご使用下さい。
PLEASE USE THE STRIP GAUGE WHICH HAS ADHERED TO THE HOUSING COVER AS SHOWN
IN THE FIGURE BELOW.



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.



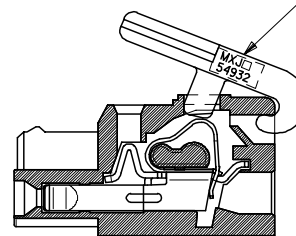
2. 既に被覆を剥いた電線をストリップゲージに合わせ被覆剥き長さを確認する。
THE ELECTRIC WIRE WHICH HAS ALREADY PEELED OFF INSULATION IS MATCHED TO THE
STRIP GAUGE, AND THE STRIPPING LENGTH IS CONFIRMED.



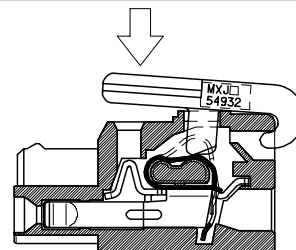
※ 被覆剥き長さ : 8~9mm
STRIPPING LENGTH : 8~9mm

結線方法
METHOD OF CONNECTING WIRES

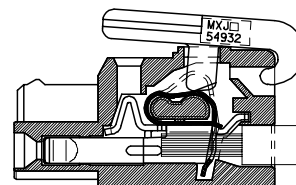
結線レバー
LEVER
54932-****



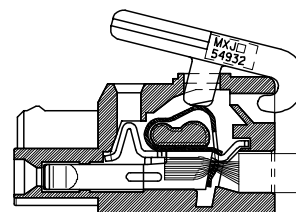
1. 結線レバーをハウジングに装着する。(脱着自在)
THE LEVER OF CONNECTING WIRES IS INSTALLED IN THE HOUSING.
(DETACHING IS FREE)



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: NABE I CHK: KIKI TOYODA APPR: NUKITA	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. NABE I	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			
REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					