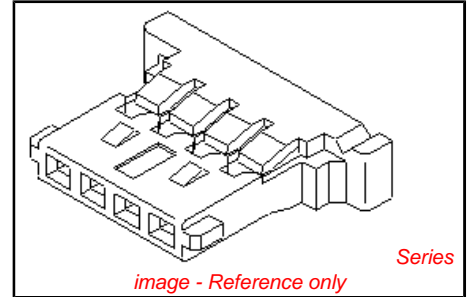


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0511460500](#)  
**Status:** **Active**  
**Overview:** [panelmate\\_125mm\\_049\\_pitch\\_ultra\\_lowprofile](#)  
**Description:** 1.25mm (.049") Pitch PanelMate™ Wire-to-Board Receptacle Housing, Ultra Low Profile, 5 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51146-008 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51146-010 (PDF)</a>
<a href="#">Product Specification PS-51146-001 (PDF)</a>	<a href="#">Product Specification PS-51146-012 (PDF)</a>
<a href="#">Product Specification PS-51146-006 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	Crimp Housings
Series	51146
MolexKits	Yes
Overview	<a href="#">panelmate_125mm_049_pitch_ultra_lowprofile</a>
Product Name	PanelMate™

**Physical**

Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Temperature Range - Operating	-40°C to +85°C

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51146-001, PS-51146-006, PS-51146-008, PS-51146-010, PS-51146-012, RPS-51146-003, RPS-51146-004, RPS-51146-007, RPS-51146-008, RPS-51146-009, RPS-51146-011, RPS-51146-013, RPS-51146-015, RPS-51146-017, RPS-51146-019, RPS-51146-020, RPS-51146-022, RPS-51146-023, RPS-51146-025, RPS-51146-026, RPS-51146-027, RPS-51146-028, RPS-51146-029
Sales Drawing	SD-51146-001

<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>  <b>Contains SVHC: No</b>  <b>Halogen-Free</b>  <b>Status</b>  <b>Not Halogen-Free</b></p>	<p><b>China RoHS</b></p>
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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.

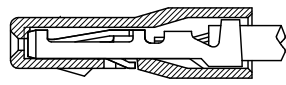
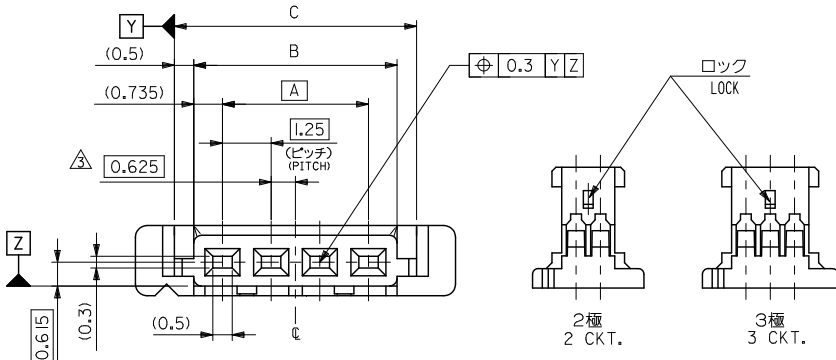
**Search Parts in this Series**  
[51146Series](#)

**Mates With**  
[53780](#)

**Use With**  
[50641 Crimp Terminal](#) . [50753 Crimp Terminal](#)

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

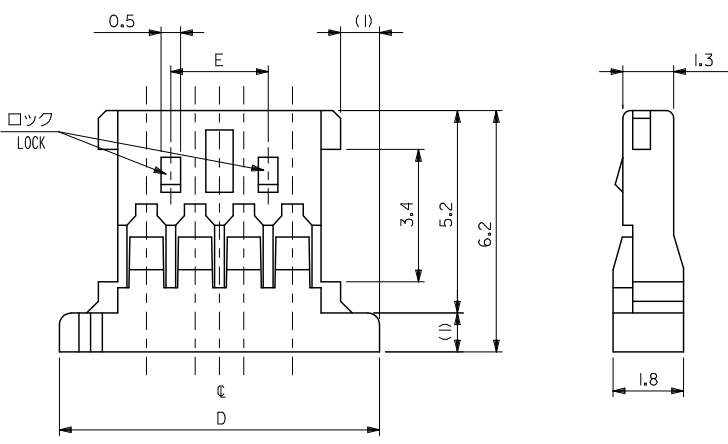
10 9 8 7 6 5 4 3 2 1



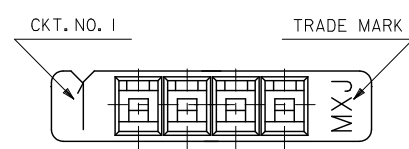
ターミナル装着状態図  
TERMINAL ASSEMBLY DRAWING

- 注記 NOTES
1. 嵌合相手: 53779-\*\*\*10, 53780-\*\*\*10  
MATES: 53779-\*\*\*10, 53780-\*\*\*10
  2. 適合ターミナル: 50641-8\*\*\*  
APPLICABLE TERMINAL: 50641-8\*\*\*
  3. 偶数極の製品に適用。  
APPLY EVEN CIRCUIT PRODUCTS.
  4. 材料: POLYAMIDE(PA), UL94V-0  
MATERIAL
  5. ELV及びRoHS 適合品  
ELV AND RoHS COMPLIANT

2極 2 CKT.  
3極 3 CKT.



22.50	28.22	26.22	25.22	23.75	51146-2000	20
21.25	26.97	24.97	23.97	22.50	-1900	19
20.00	25.72	23.72	22.72	21.25	-1800	18
18.75	24.47	22.47	21.47	20.00	-1700	17
17.50	23.22	21.22	20.22	18.75	-1600	16
16.25	21.97	19.97	18.97	17.50	-1500	15
15.00	20.72	18.72	17.72	16.25	-1400	14
13.75	19.47	17.47	16.47	15.00	-1300	13
12.50	18.22	16.22	15.22	13.75	-1200	12
11.25	16.97	14.97	13.97	12.50	-1100	11
10.00	15.72	13.72	12.72	11.25	-1000	10
8.75	14.47	12.47	11.47	10.00	-0900	9
7.50	13.22	11.22	10.22	8.75	-0800	8
6.25	11.97	9.97	8.97	7.50	-0700	7
5.00	10.72	8.72	7.72	6.25	-0600	6
3.75	9.47	7.47	6.47	5.00	-0500	5
2.50	8.22	6.22	5.22	3.75	-0400	4
	6.97	4.97	3.97	2.50	-0300	3
	5.72	3.72	2.72	1.25	51146-0200	2
E	D	C	B	A	PLASTIC BAG	極数
					ORDER No. オート番号	CIRCUITS



REVISED EC NO: J2010-2234 DRAWN BY: Y. MIZUNO CHECKED BY: Y. MIZUNO APPROVED BY: M. FUKUSHIMA MATERIAL NO. DATE: 2010/05/13 DATE: 2010/05/14 DATE: 2010/06/04	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY Y. MIZUNO		DATE '95/12/25		TITLE 1.25 WIRE TO BOARD CONN. HOUSING
	10 OVER 30 UNDER	±0.25	CHECKED BY Y. MIZUNO		DATE '96/08/20		
	30 OVER	±0.3	APPROVED BY M. FUKUSHIMA		DATE '96/08/20		MOLEX INCORPORATED DOCUMENT NO. SD-51146-001
ANGULAR ±3°		MATERIAL NO. SEE TABLE		DATE		SHEET NO. 1 OF 1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				