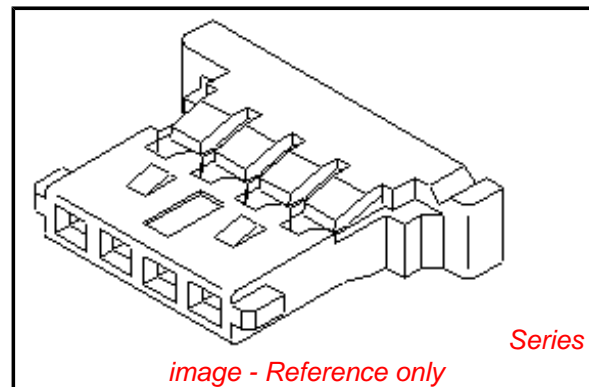


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0511460900](#)
Status: **Active**
Overview: [panelmate 125mm 049 pitch ultra lowprofile](#)
Description: 1.25mm (.049") Pitch PanelMate™ Wire-to-Board Receptacle Housing, Ultra Low Profile, 9 Circuits

Documents:

3D Model	Product Specification PS-51146-008 (PDF)
Drawing (PDF)	Product Specification PS-51146-010 (PDF)
Product Specification PS-51146-001 (PDF)	Product Specification PS-51146-012 (PDF)
Product Specification PS-51146-006 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Crimp Housings
Series	51146
MolexKits	Yes
Overview	panelmate 125mm 049 pitch ultra lowprofile
Product Name	PanelMate™

Physical

Circuits (maximum)	9
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

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

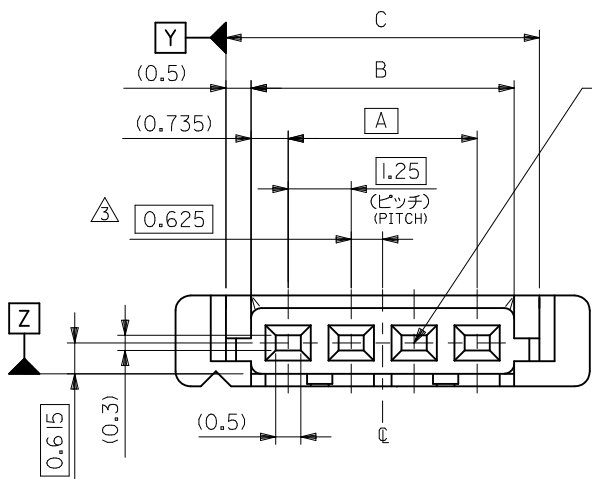
[51146Series](#)

Mates With

[53780](#)

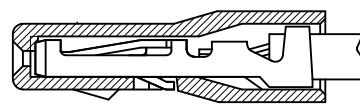
Use With

[50641](#) Crimp Terminal . [50753](#) Crimp Terminal



⊕ 0.3 Y Z

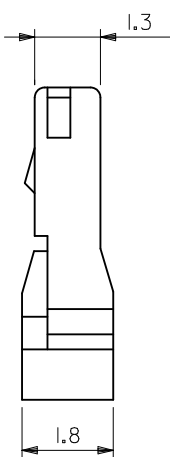
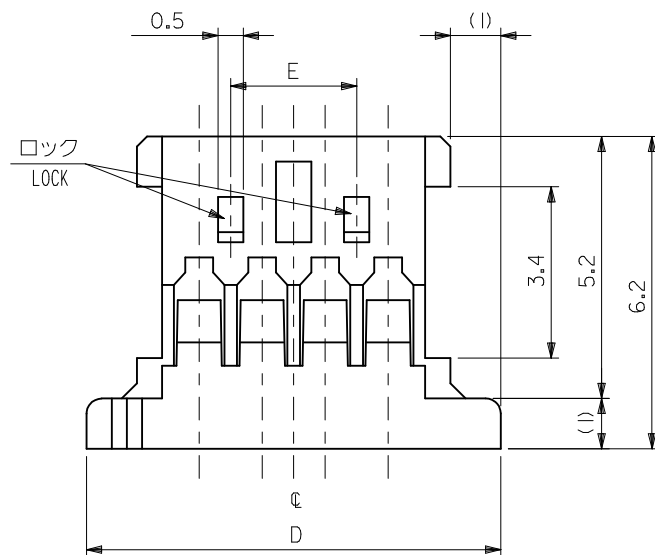
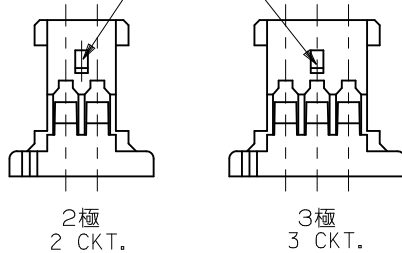
ロック
LOCK



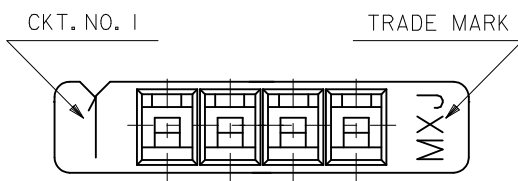
ターミナル装着状態図
TERMINAL ASSEMBLY DRAWING

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



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. オータ番号	CIRCUITS



REVISED EC NO: J2010-2234 DRWN: YOSHIKAWA 2010/05/13 CHKD: KASAKAWA 2010/05/14 APPR: NUKITA 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			
	ANGULAR ±3 °		MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE SD-51146-001				