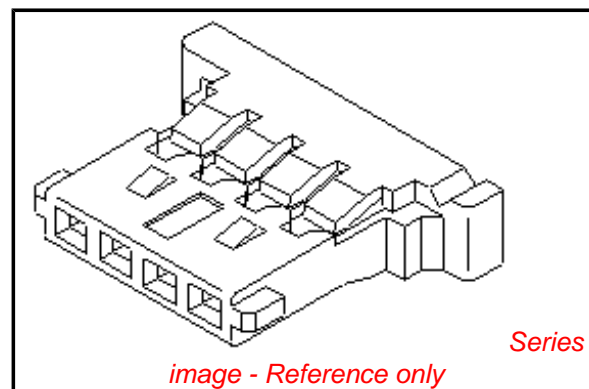


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0511460600](#)
Status: **Active**
Overview: [panelmate 125mm 049 pitch ultra lowprofile](#)
Description: 1.25mm (.049") Pitch PanelMate™ Wire-to-Board Receptacle Housing, Ultra Low Profile, 6 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)	6
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 Contains SVHC: No
Halogen-Free Status
Not Halogen-Free

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

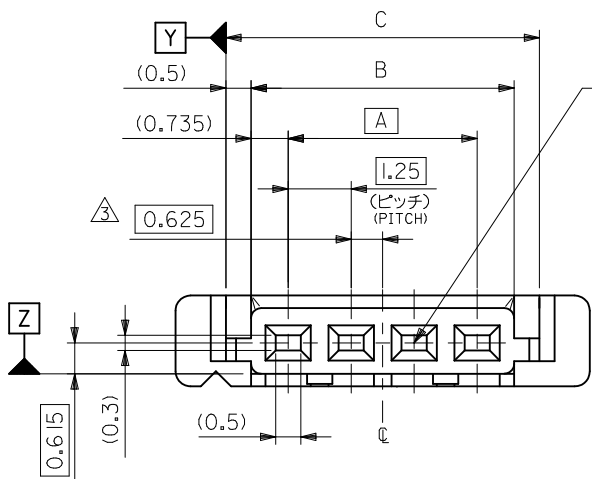
[51146Series](#)

Mates With

[53780](#)

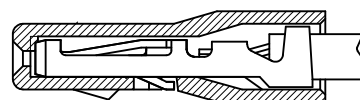
Use With

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

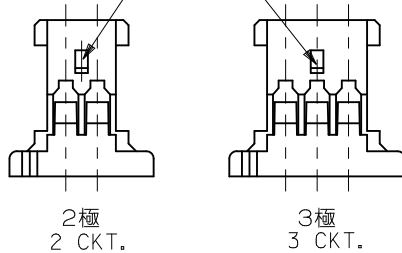


⊕ 0.3 Y Z

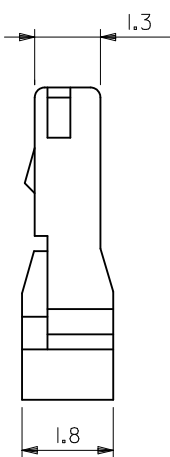
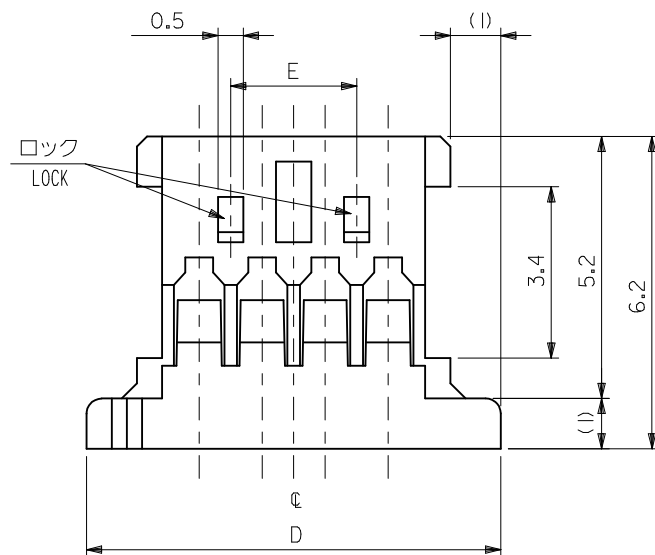
ロック
LOCK



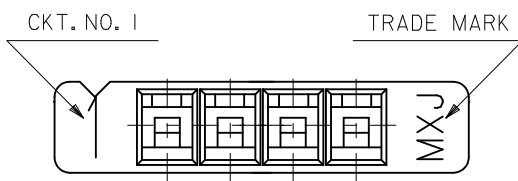
ターミナル装着状態図
TERMINAL ASSEMBLY DRAWING



- 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. オーダ-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	DATE	TITLE					
	10 OVER 30 UNDER	±0.25	Y. MIZUNO	'95/12/25	1.25 WIRE TO BOARD CONN. HOUSING					
	30 OVER	±0.3	Y. MIZUNO	'96/08/20						
ANGULAR ±3 °		APPROVED BY M. FUKUSHIMA '96/08/20		MATERIAL NO.		MOLEX INCORPORATED		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO.		SD-51146-001		1 OF 1		