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Part Number: [0510891605](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Crimp Housing, Dual Row, 16 Circuits

Documents:

3D Model	Product Specification PS-51089-005 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51089-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	51089
Product Name	Mi II™

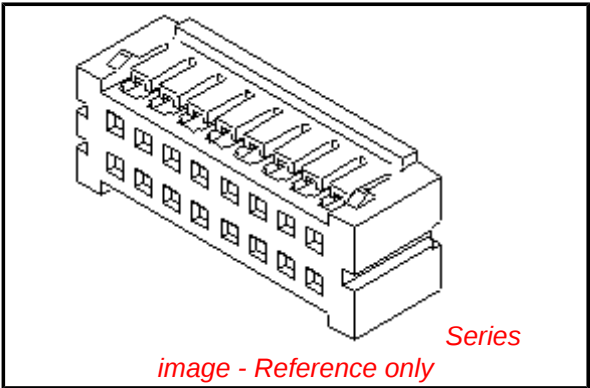
Physical

Circuits (maximum)	16
Color - Resin	Gray
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Material Info

Reference - Drawing Numbers

Product Specification	PS-51089-001, PS-51089-005, RPS-51089-004, RPS-51089-005
Sales Drawing	SD-51089-**05



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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

[51089Series](#)

Mates With

[53313](#) , [53314](#)

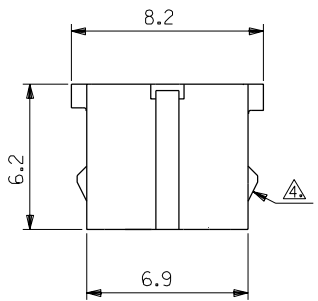
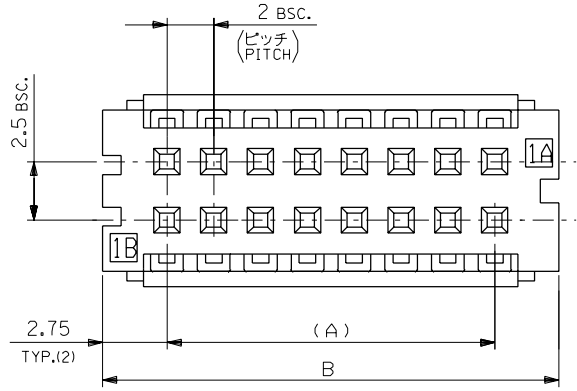
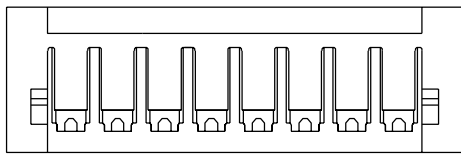
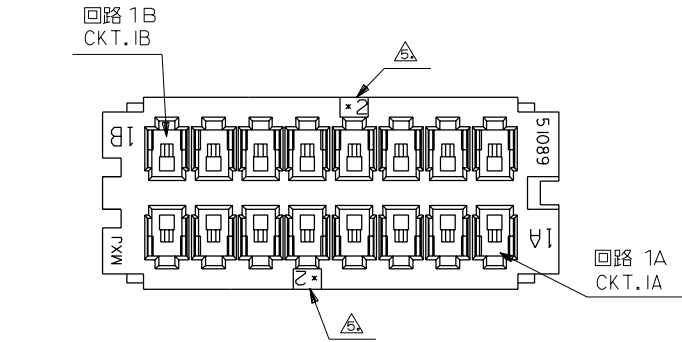
Use With

[50212](#) Crimp Terminals

MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

EDP NO.

ENG. NO.
SD-51089-**-05



注記
NOTES

- 材料:
MATERIALS:
ハウジング: ガラス入りポリエステル 灰色
HOUSING: G.F. POLYESTER, UL94V-0, GRAY
ターミナル: 燐青銅
TERMINAL: PHOSPHOR BRONZE, MOLEX P/N 50212-8*00
 - 仕上げ: 鍍メッキ
FINISH: PRE-PLATED TIN - 0.9μm MIN.
 - 適合ヘッダー:
MATING HEADERS: 53313-**-15 (全極数)
(30数以上)
53314-**-15 (OVER 28 CKT.S)
- △ LOCK部: 表参照
LOCK: REFER TO CHART
- △ *2は5の倍数の回路番号を表示する。
数える方向は回路表示 1 A, 1 B側からとする。
*2 DENOTES CKT. NO. MULTIPLES OF 5,
COUNTED FROM 1A, 1B.

4 無し NONE 7	63.5	58	51089-6005	60
	53.5	48	4 -5005	50
	43.5	38	-4005	40
	37.5	32	-3405	34
	33.5	28	-3005	30
4 有り PLC.S 7	31.5	26	-2805	28
	29.5	24	-2605	26
	27.5	22	-2405	24
	25.5	20	-2205	22
	23.5	18	-2005	20
	21.5	16	-1805	18
	19.5	14	-1605	16
	17.5	12	7 -1405	14
	15.5	10	-1205	12
	13.5	8	51089-1005	10
LOCK部	B	(A)	ENG. NO.	CKT.

材料 MATERIAL		注記参照 SEE NOTES		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
仕上げ FINISH		注記参照 SEE NOTES		EDP. NO. //	
適用電線範囲 WIRE RANGE		—		ENG. NO. SD-51089-**-05	
被覆外径 INS. RANGE		—		REV A	
DRAWN BY CHK'D BY		DATE		TITLE 名称 2mm W-to-B DUAL ROW CRIMP RECEPTACLE HOUSING	
APPR'D BY SCALE		5-1			
角度 ANGLE		±3°			
30以上 OVER		+0.3			
10以上 30未満 OVER UNDER		+0.25			
10未満 UNDER		+0.2			
一般公差 GENERAL TOLERANCES		REVISIONS		REVISE ONLY ON CAD SYSTEM	
記号 LTR		変更内容 REVISION RECORD			
2		RELEASED			
1		REVISIONS			
0		新規作成			