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Part Number: [0510901200](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Crimp Housing, Single Row, 12 Circuits

Documents:

3D Model	Product Specification PS-51090-009 (PDF)
Drawing (PDF)	Product Specification PS-51090-016 (PDF)
Product Specification PS-51090-003 (PDF)	Product Specification PS-51090-017 (PDF)
Product Specification PS-51090-004 (PDF)	Product Specification PS-53358-001 (PDF)
Product Specification PS-51090-005 (PDF)	Product Specification PS-55533-003 (PDF)
Product Specification PS-51090-007 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	51090
Product Name	Mi II™

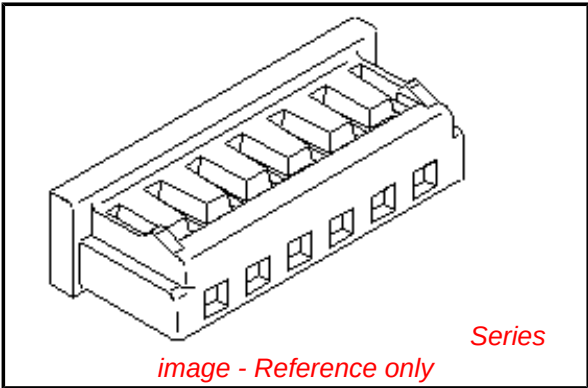
Physical

Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Material - Resin	Polyester
Number of Rows	1
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-51090-003, PS-51090-004, PS-51090-005, PS-51090-007, PS-51090-009, PS-51090-016, PS-51090-017, PS-53358-001, PS-55533-003, RPS-51089-006, RPS-51090-001, RPS-51090-002, RPS-51090-005, RPS-51090-008, RPS-51090-010, RPS-51090-012, RPS-51090-013, RPS-51090-014, RPS-51090-015, RPS-51090-017, RPS-51090-018, RPS-51090-019, RPS-51090-021, RPS-51090-022, RPS-51090-026, RPS-52484-002, RPS-52969-004, RPS-52969-005, RPS-52969-006, RPS-53324-001, RPS-53358-001, RPS-54111-005
Sales Drawing	SD-51090-**00



EU RoHS

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

China RoHS



**Need more information on product
environmental compliance?**

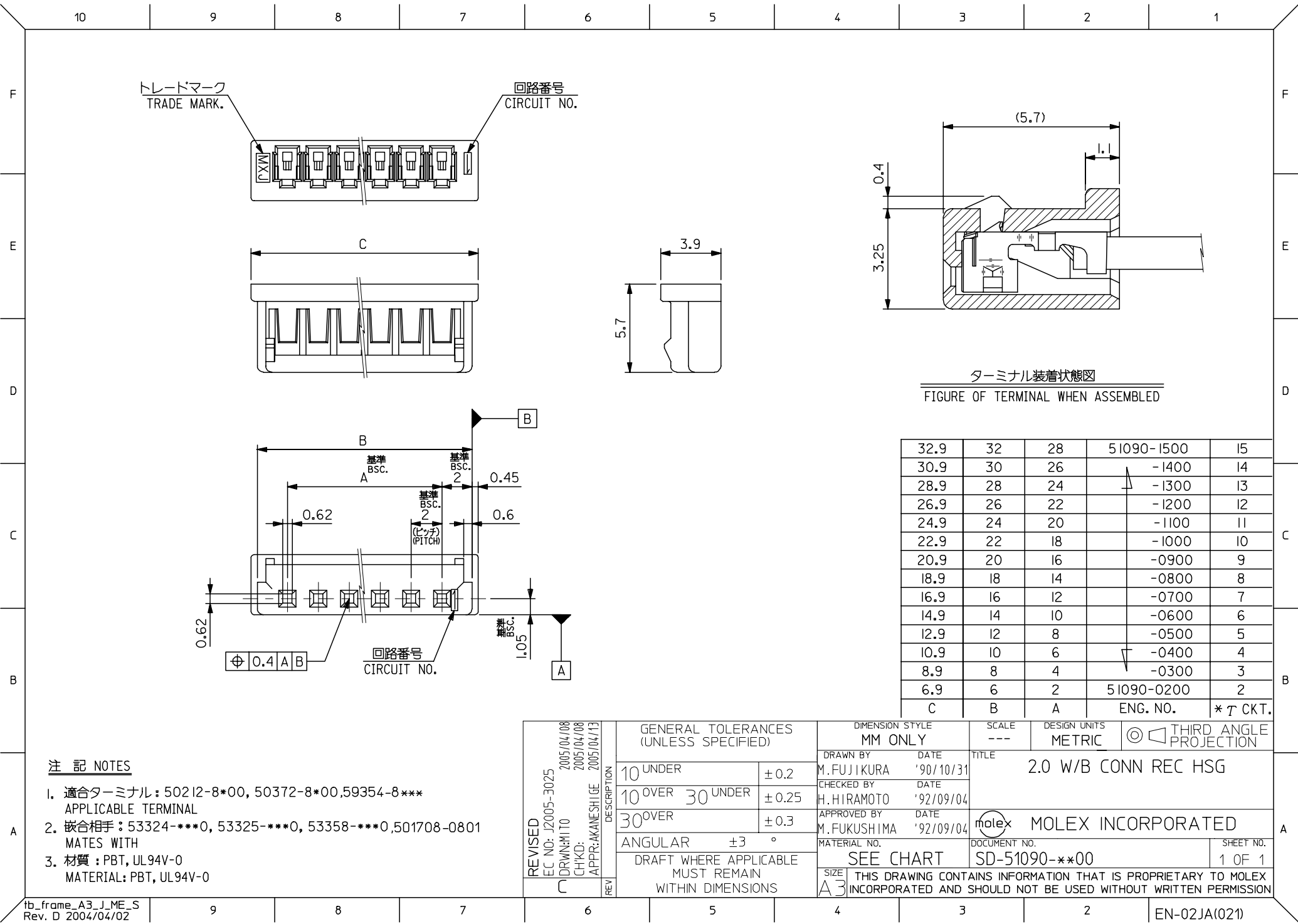
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[51090Series](#)

Mates With
[55460](#) , [53324](#) , [53325](#)

Use With
[50212](#) Crimp Terminals



ターミナル装着状態図
FIGURE OF TERMINAL WHEN ASSEMBLED

32.9	32	28	51090-1500	15
30.9	30	26	-1400	14
28.9	28	24	-1300	13
26.9	26	22	-1200	12
24.9	24	20	-1100	11
22.9	22	18	-1000	10
20.9	20	16	-0900	9
18.9	18	14	-0800	8
16.9	16	12	-0700	7
14.9	14	10	-0600	6
12.9	12	8	-0500	5
10.9	10	6	-0400	4
8.9	8	4	-0300	3
6.9	6	2	51090-0200	2
C	B	A	ENG. NO.	* T CKT.

注 記 NOTES

- 適合ターミナル: 50212-8*00, 50372-8*00, 59354-8***
APPLICABLE TERMINAL
- 嵌合相手: 53324-***0, 53325-***0, 53358-***0, 501708-0801
MATES WITH
- 材質: PBT, UL94V-0
MATERIAL: PBT, UL94V-0

REVISED EC NO: J2005-3025 DRAWN: M10 CHKD: APPR: AKANEHISHIGE 2005/04/08 2005/04/08 2005/04/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY M. FUJIKURA	DATE '90/10/31	TITLE 2.0 W/B CONN REC HSG			
		10 OVER 30 UNDER	±0.25	CHECKED BY H. HIRAMOTO	DATE '92/09/04				
		30 OVER	±0.3	APPROVED BY M. FUKUSHIMA	DATE '92/09/04				molex MOLEX INCORPORATED
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51090-**00			1 OF 1
	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			