molex
one company > a world of innovation

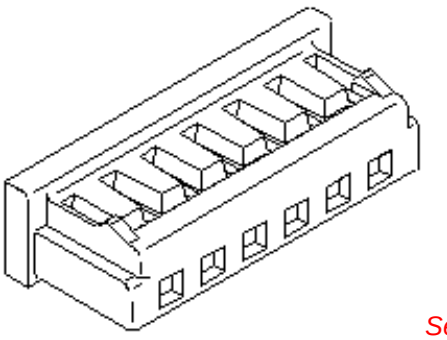
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0510900300

Status: Active

Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Crimp Housing, Single Row, 3 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51090-003 (PDF)
Product Specification PS-51090-004 (PDF)
Product Specification PS-51090-005 (PDF)
Product Specification PS-51090-007 (PDF)
Product Specification PS-51090-009 (PDF)
Product Specification PS-51090-016 (PDF)
Product Specification PS-51090-017 (PDF)
Product Specification PS-52968-006 (PDF)
Product Specification PS-52968-007 (PDF)
Product Specification PS-53358-001 (PDF)
Product Specification PS-53717-002 (PDF)
Product Specification PS-55533-003 (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)	3
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-52968-006, PS-52968-007, PS-53358-001, PS-53717-002, 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-51339-004, RPS-51339-007, RPS-52484-002, RPS-52968-005, RPS-52968-012, RPS-52968-013, RPS-52969-004, RPS-52969-005, RPS-52969-006, RPS-53324-001, RPS-53358-001, RPS-54111-005, RPS-55460-011
Sales Drawing	SD-51090-**00

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.

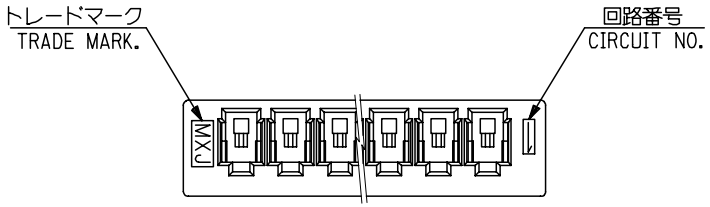
Search Parts in this Series
51090Series

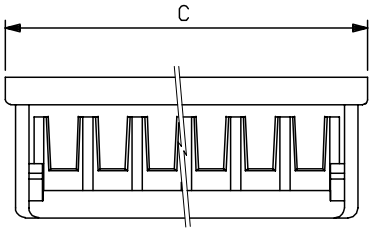
Mates With
55460 , 53324 , 53325

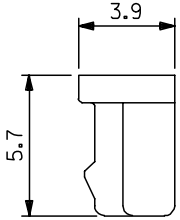
Use With
50212 Crimp Terminals

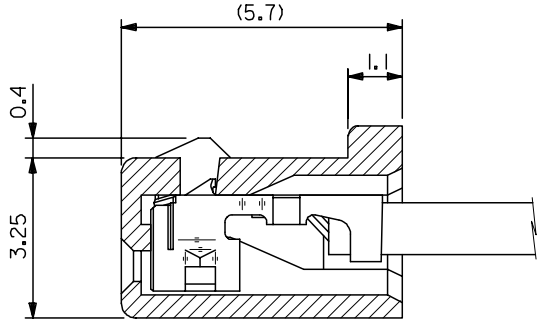
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

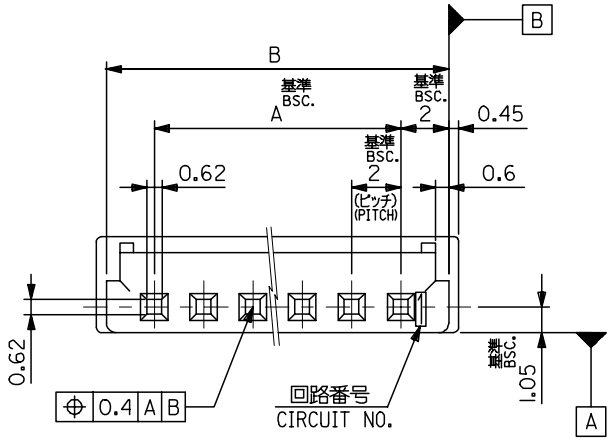








ターミナル装着状態図
FIGURE OF TERMINAL WHEN ASSEMBLED



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

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

REVISED
EC NO: J2005-3025 2005/04/08
DRWN:MITO 2005/04/08
CHKD:
APPR:AKANESHIGE 2005/04/13
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: M.FUJIKURA DATE: '90/10/31	TITLE: 2.0 W/B CONN REC HSG		
CHECKED BY: H.HIRAMOTO DATE: '92/09/04			
APPROVED BY: M.FUKUSHIMA DATE: '92/09/04	MOLEX INCORPORATED		
MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-51090-**00	SHEET NO.: 1 OF 1	

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION