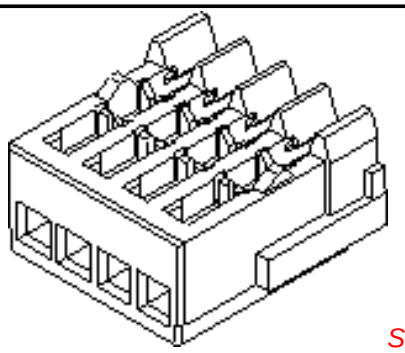
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0513362010

Status: Active

Description: 1.25mm (.049") Pitch Mini Mi II™ System Wire-to-Board IDT Housing, Single Row, 20 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51336-010 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	IDT and Solder Connectors
Series	51336
Crimp Quality Equipment	Yes
Product Name	Mini Mi II™

Physical

Circuits (Loaded)	20
Color - Resin	Natural
Durability (mating cycles max)	30
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	IDT or Pierce
Wire Insulation Diameter	0.80-0.90mm (.031-.035")
Wire Size AWG	26, 28

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51336-010, RPS-51336-004, RPS-51336-005, RPS-51336-006, RPS-51336-009
Sales Drawing	SD-51336-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
51336Series

Mates With
55447 Vertical Header, 55454 Right Angle Header

This document was generated on 04/16/2010

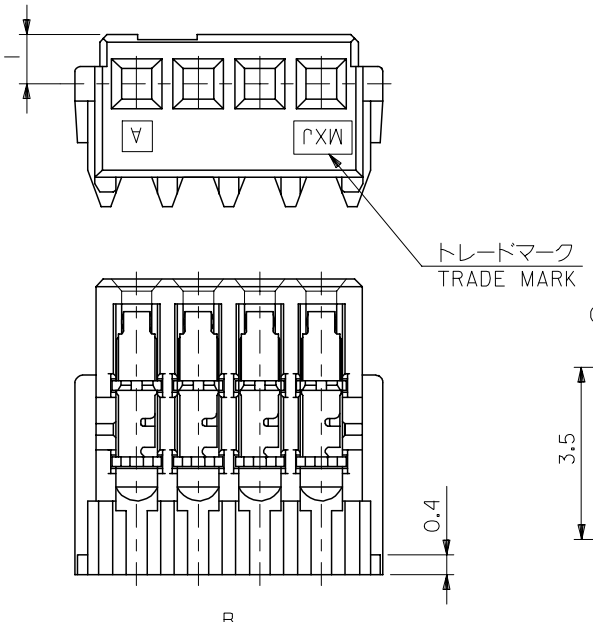
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

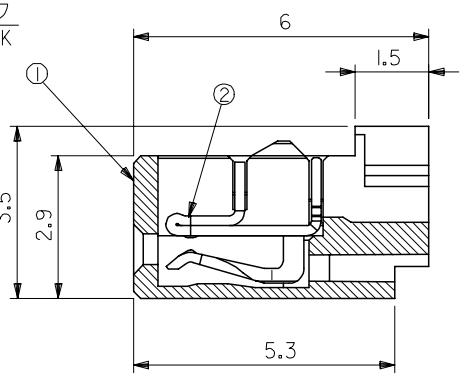
番号 NO.	名称 NAME	原料 MATERIAL	数量 QT'Y	仕上げ FINISH
①	ハウジング HOUSING	PBT PBT	1	ガラス30%, UL94V-0 G.F.30%
②	ターミナル TERMINAL	りん青銅 (t=0.2) PHOSPHOR BRONZE(t=0.2)	N	全体錫メッキ PRE-TINNED

注) NOTES

1. 原料および仕上げ：表参照
   MATERIAL AND FINISH : SEE CHART

△2. 製品番号
MATERIAL NO.
51336-**1*
- 極数 CIRCUIT SIZE(02 ～ 20)
- 色 COLOR 10: 白色 WHITE





SECTION X-X

B	A	極数 CIRCUIT SIZE	△2. 製品番号 MATERIAL NO.	MODEL NO.
26.25	23.75	20	51336-201*	51336-**1*
25	22.5	19	51336-191*	
23.75	21.25	18	51336-181*	
22.5	20	17	51336-171*	
21.25	18.75	16	51336-161*	
20	17.5	15	51336-151*	
18.75	16.25	14	51336-141*	
17.5	15	13	51336-131*	
16.25	13.75	12	51336-121*	
15	12.5	11	51336-111*	
13.75	11.25	10	51336-101*	
12.5	10	9	51336-091*	
11.25	8.75	8	51336-081*	
10	7.5	7	51336-071*	
8.75	6.25	6	51336-061*	
7.5	5	5	51336-051*	
6.25	3.75	4	51336-041*	
5	2.5	3	51336-031*	
3.75	1.25	2	51336-021*	

材料 MATERIAL	SEE CHART
仕上げ FINISH	SEE CHART
適用電線範囲 WIRE RANGE	AWG #26, #28
被覆外径 INS. RANGE	∅0.8 ~ ∅0.9

RELEASED
EC NO: J2006-1346
DRWN:MNABEI 2005/11/25
CHKD:KTOYODA 2005/11/28
APPR:NUKITA 2005/11/30
DESCRIPTION
REV 0

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: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: M.NABEI	DATE: '05/10/24	TITLE: MINI MI2 REC. ASSY (SN)	
CHECKED BY: K.TOYODA	DATE: '05/10/24		
APPROVED BY: N.UKITA	DATE: '05/10/24	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-51336-001	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		