

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0556591839](#)
Status: **Active**
Overview: [mini_mi_ii](#)
Description: 1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, Dual Row, without Panel Mount Clip, 18 Circuits, Lead-free

Documents:

[3D Model](#) [Product Specification PS-55659-005 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Accessories
Series	55659
Component Type	Adapter
Overview	mini_mi_ii
Product Name	Mini Mi II™

Physical

Circuits (Loaded)	18
Color - Resin	Natural
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Temperature Range - Operating	-20°C to +80°C

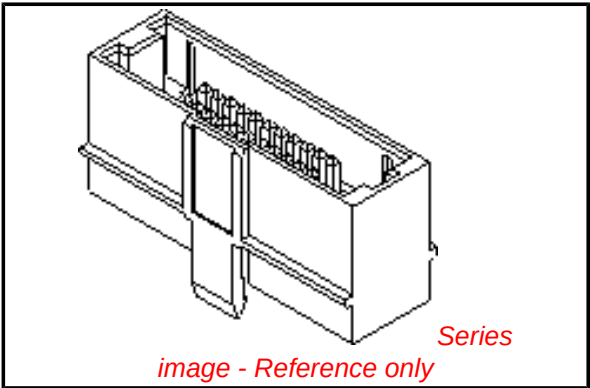
Electrical

Current - Maximum per Contact	1.5A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-55659-005
Sales Drawing	SD-55659-005



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**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
[55659Series](#)

Use With
[54596](#) IDT Housing

DWG. NO.
SD-55659-005

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DO NOT SCALE DRAWING

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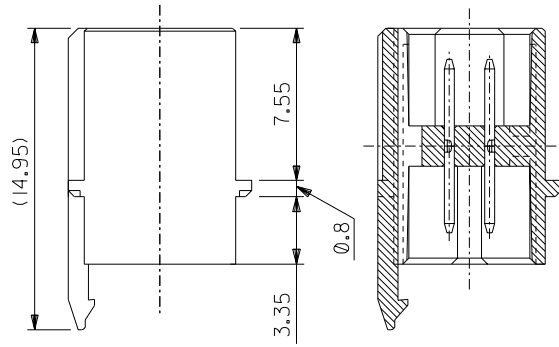
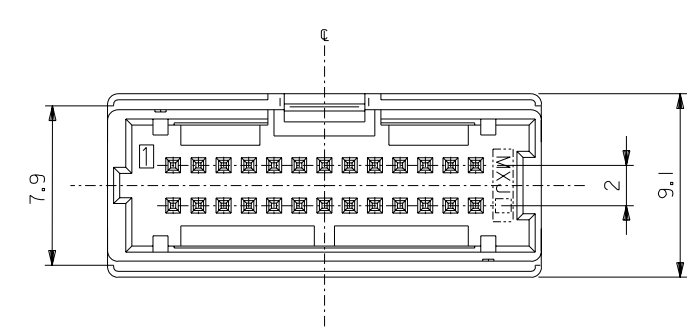
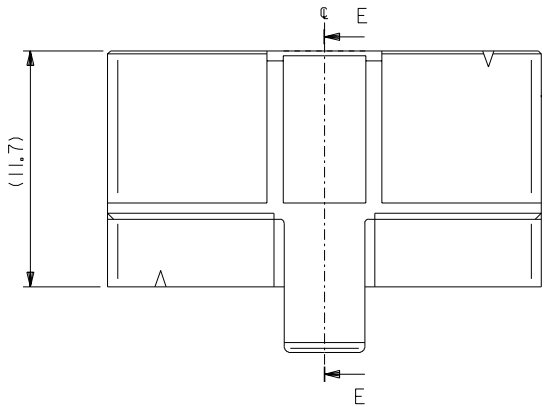
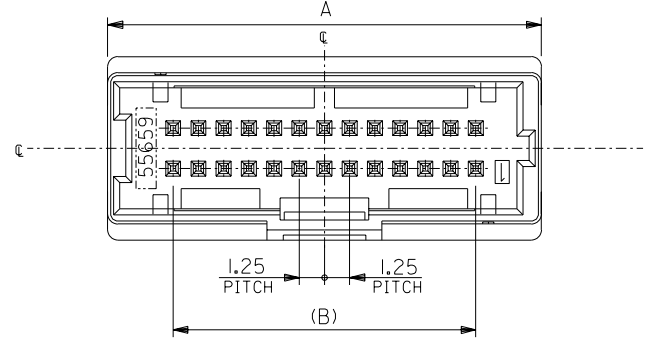
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注 記
NOTES

1. 材 質
MATERIAL

ウエハー: ナイロン、UL-94V0
WAFER: NYLON, UL94-V0
ピン: 黄銅、スズメッキ
PIN: BRASS, PRE-TINNED

2. 嵌合相手
MATES WITH

リセクタクルアセンブリ: 54596-***I*
REC. ASS'Y: 54596-***I*
クリップ: 54597-***0*
CRIP: 54597-***0*

3. 本製品は 55659-***30 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55659-***30.

中継コネクタ挿入方向
CONN. INSERT DIRECTION

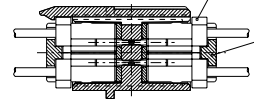


54596-***I*

リセクタクルアセンブリ
REC. ASS'Y

54597-***0*

クリップ
CRIP



嵌合状態図
MATED & MOUNTED CONNECTOR

23.75	30.25	40	55659-4039	55659-***39
22.5	29	38	55659-3839	
21.25	27.75	36	55659-3639	
20	26.5	34	55659-3439	
18.75	25.25	32	55659-3239	
17.5	24	30	55659-3039	
16.25	22.75	28	55659-2839	
15	21.5	26	55659-2639	
13.75	20.25	24	55659-2439	
12.5	19	22	55659-2239	
11.25	17.75	20	55659-2039	
10	16.5	18	55659-1839	
8.75	15.25	16	55659-1639	
7.5	14	14	55659-1439	
6.25	12.75	12	55659-1239	
5	11.5	10	55659-1039	
B	A	CKT	MATERIAL NO.	MODEL NO.

EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	新規格作成 RELEASED EC NO. J2004-4572 DRWN: T.UENO CH'K: M.SASAO APPR: M.SASAO
8	7	6	5	4	0

MATERIAL 材料	SEE CHART
FINISH 仕上げ	— # —
WIRE RANGE 適用電線範囲	— # —
INS. RANGE 被覆外径	— # —

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	10 UNDER 未満	±0.2
	10 OVER 30 UNDER 以上 未満	±0.25
	30 OVER 以上	±0.3
ANGLE 角度		±3°

SCALE 4-1	DESIGN UNITS mm INCH	DRAWN BY & DATE T.UENO '04/06/03
		CHECKED BY & DATE M.SASAO '04/06/03
		APPROVED BY & DATE M.SASAO '04/06/03
		CAD FILENAME SD-55659-005.S01

THIRD ANGLE PROJECTION	TITLE: Mini MiII 2-ROW RELAY WAFER ASS'Y -LEAD FREE-	MATERIAL NO. SEE CHART	DRAWING NO. SD-55659-005	SHEET NO. 1 OF 1
MOLEX INCORPORATED				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				
SIZE B				