

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0556592639

Status:

Active

Overview:

mini\_mi\_ii

Description:

1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, Dual Row, without Panel Mount Clip, 26 Circuits, Lead-free

Documents:

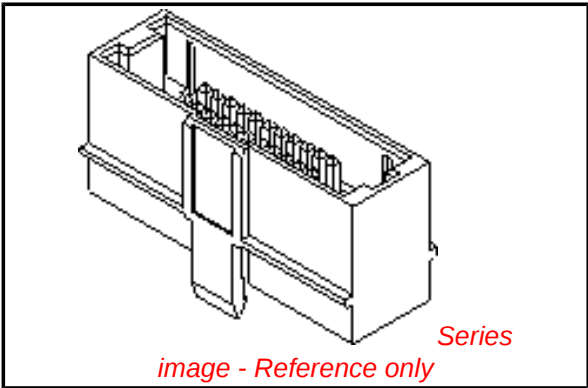
3D Model

Drawing (PDF)

Product Specification PS-55659-005 (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)             | 26             |
| Gender                        | Male           |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Temperature Range - Operating | -20°C to +80°C |
| Electrical                    |                |
| Current - Maximum per Contact | 1.5A           |
| 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

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

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DWG. NO.  
SD-55659-005

F

D

V

C

B

DO NOT SCALE DRAWING

8

7

6

5

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3

2

1

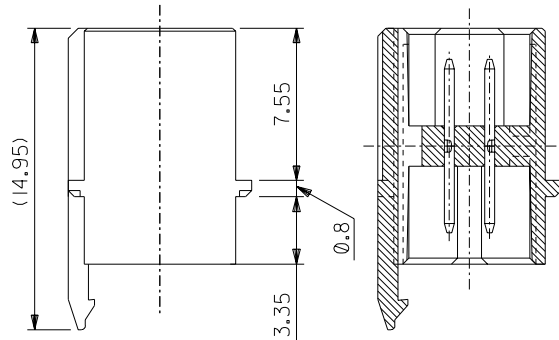
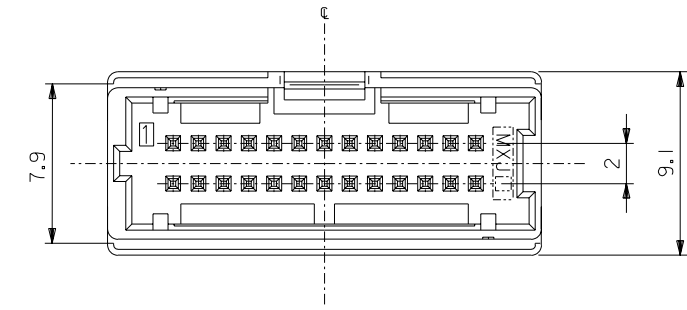
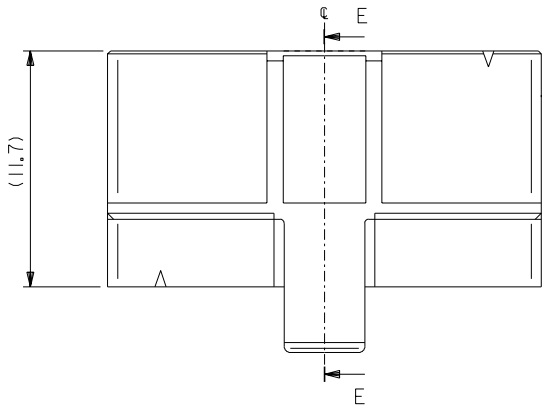
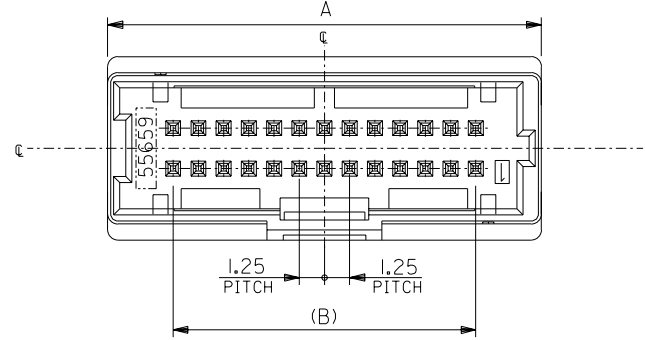
F

E

D

C

B



SECTION E-E

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

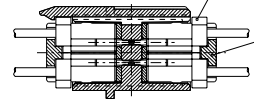


54596-\*\*\*I\*

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.<br>DRWN:<br>CHK:<br>APPR: | EC NO.<br>DRWN:<br>CHK:<br>APPR: | EC NO.<br>DRWN:<br>CHK:<br>APPR: | EC NO.<br>DRWN:<br>CHK:<br>APPR: | EC NO.<br>DRWN:<br>CHK:<br>APPR: | 新規格作成 RELEASED<br>EC NO. J2004-4572<br>DRWN: T.UENO<br>CHK: M.SASAO<br>APPR: M.SASAO |
| 8                                | 7                                | 6                                | 5                                | 4                                | 0                                                                                    |

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

|                                                   |              |                                         |
|---------------------------------------------------|--------------|-----------------------------------------|
| GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)<br>一般公差 | SCALE<br>4-1 | DESIGN UNITS<br>mm INCH                 |
| 10 UNDER<br>未満                                    | ±0.2         | DRAWN BY & DATE<br>T.UENO '04/06/03     |
| 10 OVER 30 UNDER<br>以上 未満                         | ±0.25        | CHECKED BY & DATE<br>M.SASAO '04/06/03  |
| 30 OVER<br>以上                                     | ±0.3         | APPROVED BY & DATE<br>M.SASAO '04/06/03 |
| ANGLE 角度                                          | ±3°          | CAD FILENAME<br>SD-55659-005.S01        |

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| THIRD ANGLE<br>PROJECTION | TITLE:<br>Mini MiII 2-ROW RELAY WAFER ASS'Y<br>-LEAD FREE- |
| MATERIAL NO.<br>SEE CHART |                                                            |

|                                                                                                                                   |                              |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DIMENSIONS:<br>mm INCH mm ONLY                                                                                                    | SHT<br>REVISE ON<br>CAD ONLY |
| MOLEX INCORPORATED                                                                                                                |                              |
| MATERIAL NO.<br>SEE CHART                                                                                                         | DRAWING NO.<br>SD-55659-005  |
| SHEET NO.<br>1 OF 1                                                                                                               |                              |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                              |
| SIZE<br>B                                                                                                                         |                              |