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Part Number: [0554600472](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Surface Mount, Single Row, Vertical, Lead-free, 4 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51090-017 \(PDF\)](#)
[Product Specification PS-52484-022 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55460
Application	Wire-to-Board
Product Name	Mi II™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

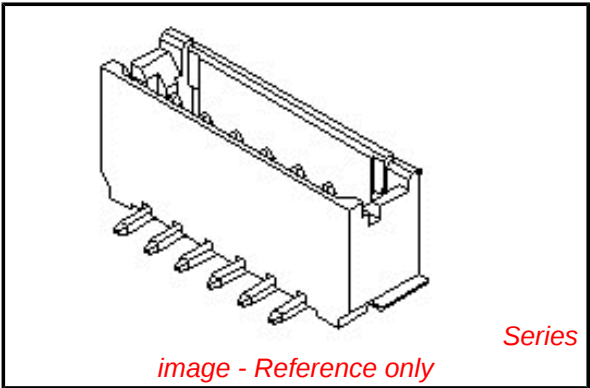
Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51090-017, PS-52484-022, RPS-51090-026
Sales Drawing	SD-55460-010, SD-55460-011



EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Halogen-Free	China RoHS
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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
[55460Series](#)

Mates With
[52484](#) IDT Receptacle Housing. [51090](#) Wire-to-Board Receptacle

DWG. NO.
SD-55460-011

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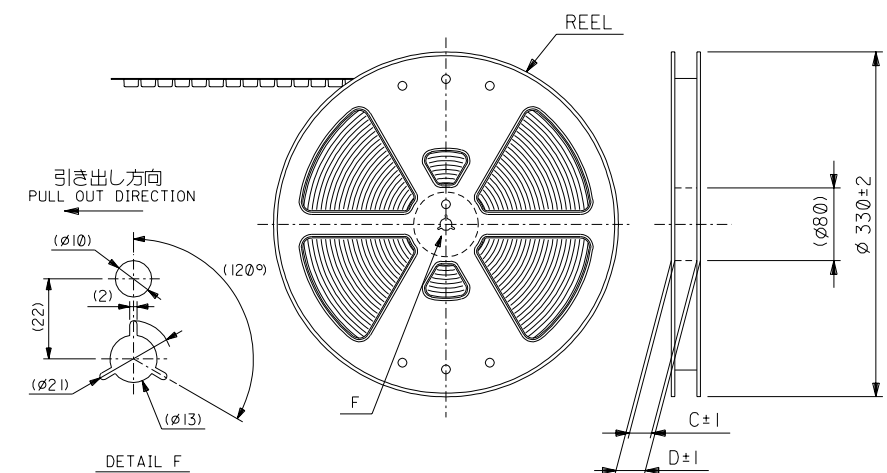
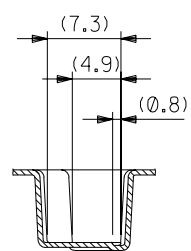
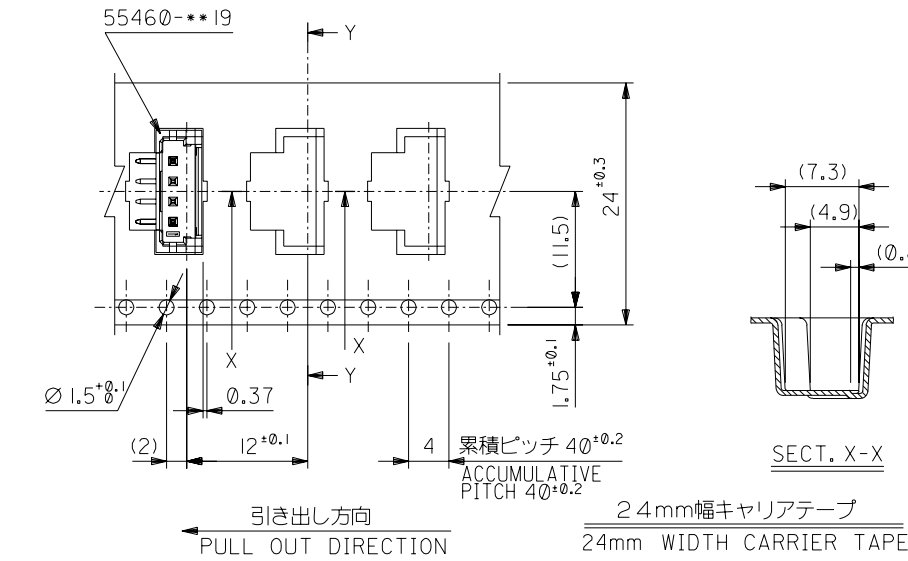
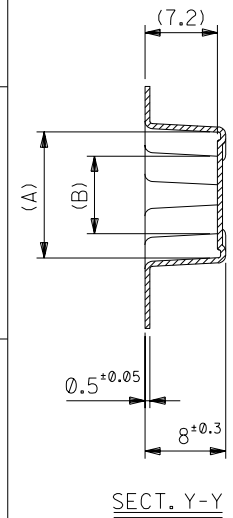
DO NOT SCALE DRAWING

EC NO. DRWN: CHK'g APPR:	EC NO. DRWN: CHK'g APPR:	EC NO. DRWN: CHK'g APPR:	EC NO. DRWN: CHK'g APPR:	EC NO. DRWN: CHK'g APPR:	新規格作成 RELEASED EC NO. J2004-3410 DRWN: T.UENO '04/03/29 CHK'g: M.SASAO '04/03/29 APPR: M.SASAO '04/03/29
					REV

MATERIAL 材料	注記参照 SEE NOTES
FINISH 仕上げ	//
WIRE RANGE 適用電線範囲	//
INS. RANGE 被覆外径	//

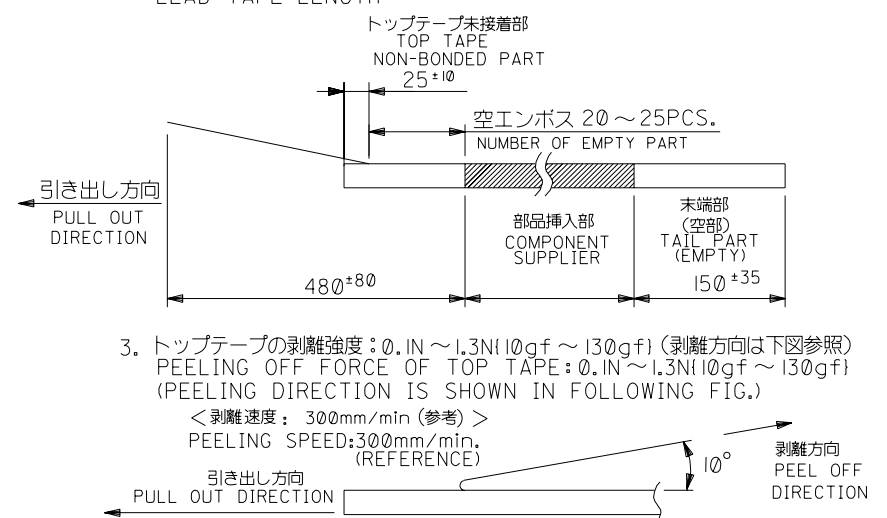
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	10 UNDER 未満	±0.2
	10 OVER 30 UNDER 以上 未満	±0.25
	30 OVER 以上	±0.3
ANGLE 角度		±3°

SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	TITLE: 2.0 W+B Conn WAFER Assy Embstp pkg -LEAD FREE-
DRAWN BY & DATE T.UENO '04/03/29	CHECKED BY & DATE M.SASAO '04/03/29	APPROVED BY & DATE M.SASAO '04/03/29	CAD FILENAME SD-55460-011.S01
MATERIAL NO. SEE CHART		DRAWING NO. SD-55460-011	SHEET NO. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B



NOTES

- 梱包数量: 900個/リール
NUMBER OF CONNECTOR: 900PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH
- トップテープの剥離強度: 0.1N ~ 1.3N(10gf ~ 130gf) (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE: 0.1N ~ 1.3N(10gf ~ 130gf) (PEELING DIRECTION IS SHOWN IN FOLLOWING FIG.)
<剥離速度: 300mm/min (参考)>
PEELING SPEED: 300mm/min. (REFERENCE)
- 55460-**-19の詳細寸法については図面 SD-55460-010 を参照下さい。
RE DETAILED DIMENSIONS, SEE SD-55460-010
- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
トップテープ (TOP TAPE): PET, PE, PEF
リール (REEL): ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は 55460-**-90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55460-**-90.



24	29.4	25.4	11.7	16.45	55460-0672	6
			9.7	14.45	55460-0572	5
			7.7	12.45	55460-0472	4
			5.7	10.45	55460-0372	3
			3.7	8.45	55460-0272	2
キャリアテープ幅	D	C	B	A	MATERIAL NO.	種数 CKTS.

DWG. NO.

SD-55460-011

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DO NOT SCALE DRAWING

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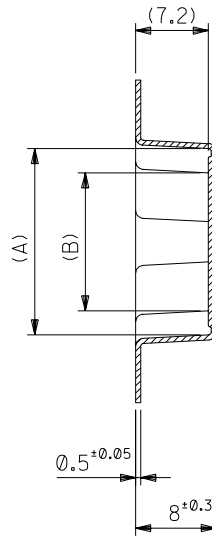
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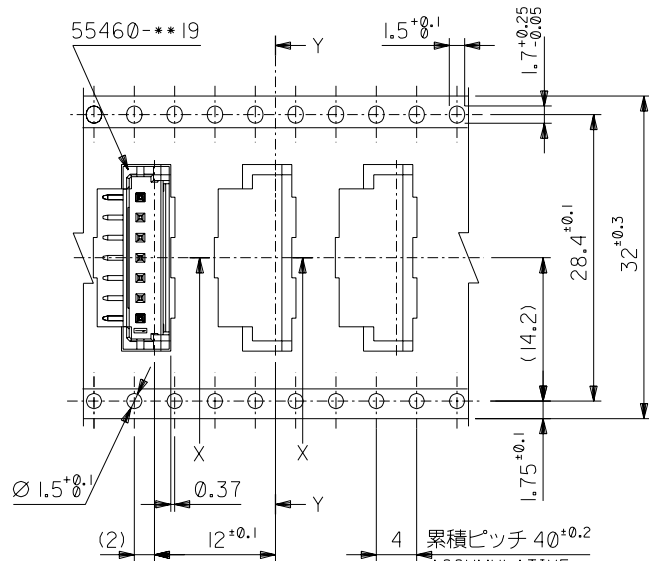
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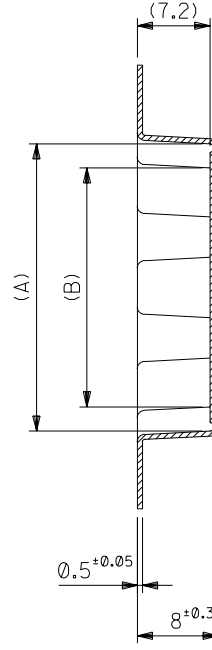


SECT. Y-Y

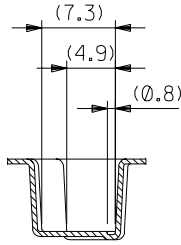


引き出し方向
PULL OUT DIRECTION

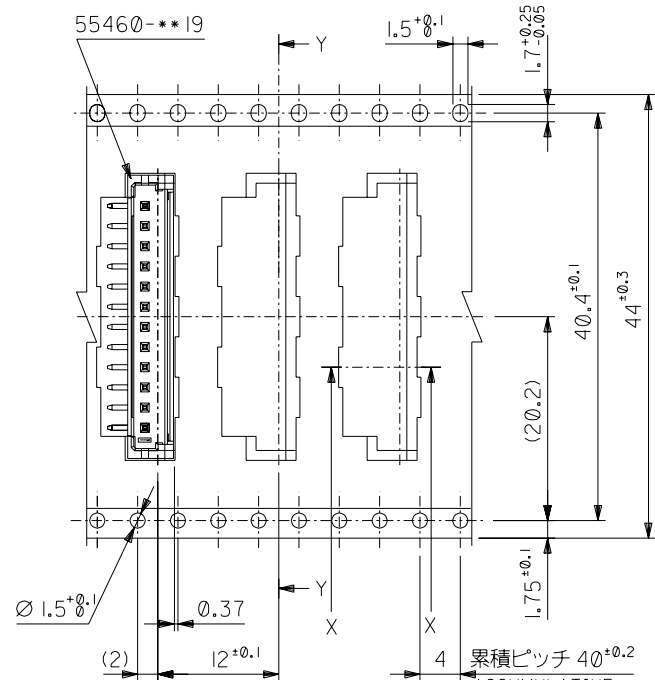
32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE



SECT. Y-Y



SECT. X-X



引き出し方向
PULL OUT DIRECTION

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	25.7	30.45	55460-1372	13
			23.7	28.45	55460-1272	12
			19.7	24.45	55460-1072	10
32	37.4	33.4	15.7	20.45	55460-0872	8
			13.7	18.45	55460-0772	7
キャリアテープ幅	D	C	B	A	MATERIAL NO.	極致 CKTS.

55460-***72 MODEL NO.

DIMENSIONS:		SHT	REV
THIRD ANGLE PROJECTION		REVISION ON CAD ONLY	
mm INCH		mm ONLY	

EC NO.	EC NO.	EC NO.	EC NO.	EC NO.
DRWN:	DRWN:	DRWN:	DRWN:	DRWN:
CHK:	CHK:	CHK:	CHK:	CHK:
APPR:	APPR:	APPR:	APPR:	APPR:
SEE SHEET 1 OF 3				

DESCRIPTION	MATERIAL 材料	SHEET 1 OF 3参照 SEE SHEET 1 OF 3
	FINISH 仕上げ	
REV	WIRE RANGE 適用電線範囲	—— //
	INS. RANGE 被覆外径	—— //

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SCALE --//	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY
DRAWN BY & DATE T.UENO '04/03/29		TITLE: 2.0 WtB Conn WAFER Assy Embstp pkg -LEAD FREE-				
CHECKED BY & DATE M.SASAO '04/03/29		MOLEX INCORPORATED				
APPROVED BY & DATE M.SASAO '04/03/29		MATERIAL NO. SEE CHART				
CAD FILENAME SD-55460-011.S02		DRAWING NO. SD-55460-011			SHEET NO. 2 OF 3	
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EN-02J(097) MXJ-54

DWG. NO.

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DO NOT SCALE DRAWING

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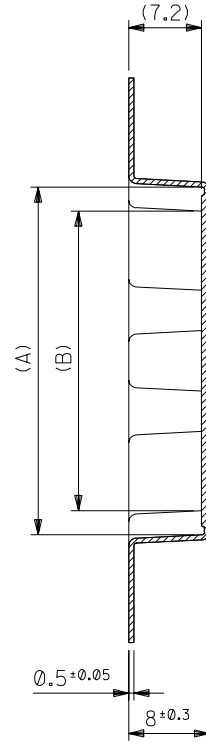
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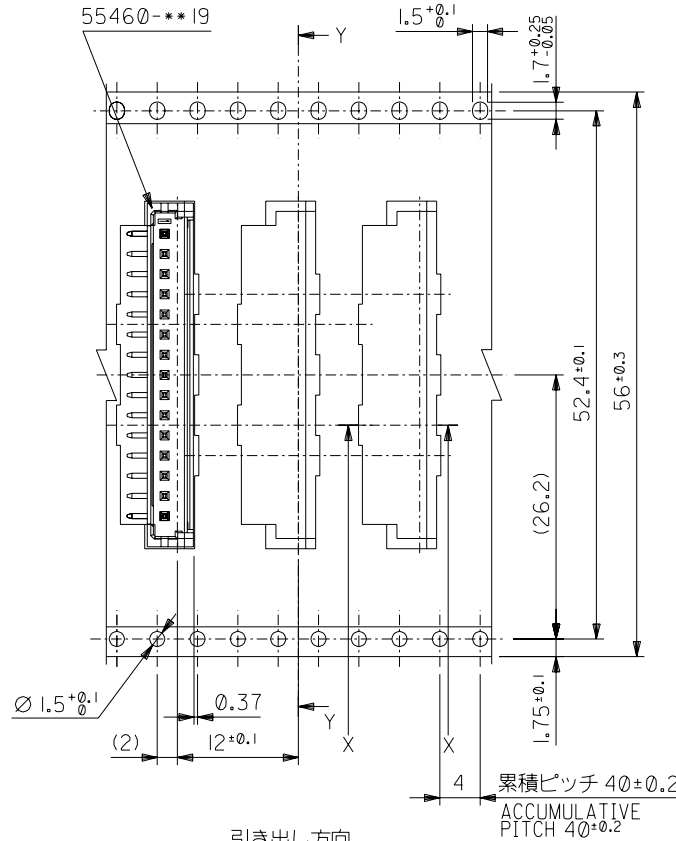
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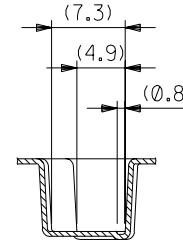


SECT. Y-Y



引き出し方向
PULL OUT DIRECTION

56mm幅キャリアテープ
56mm WIDTH CARRIER TAPE



SECT. X-X

56	61.4	57.4	29.7	34.45	55460-1572	15
キャリアテープ幅	D	C	B	A	MATERIAL NO.	極数 CKTS.

55460-**-72 MODEL NO.

DIMENSIONS:		SHT	REV
☐ mm ☐ INCH	☒ mm ONLY		REVISE ON CAD ONLY

SCALE
DESIGN UNITS
☒ mm ☐ INCH

THIRD ANGLE
PROJECTION

DRAWN BY & DATE
T.UENO '04/03/29

CHECKED BY & DATE
M.SASAO '04/03/29

APPROVED BY & DATE
M.SASAO '04/03/29

CAD FILENAME
SD-55460-011.S03

TITLE:
2.0 WtB Conn WAFER Assy
Embstp pkg -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DRAWING NO.
SD-55460-011

SHEET NO.
3 OF 3

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SIZE
B

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:

DESCRIPTION	MATERIAL 材料	SHEET 1 OF 3参照 SEE SHEET 1 OF 3	
	FINISH 仕上げ	//	
	WIRE RANGE 適用電線範囲	//	
REV	INS. RANGE 被覆外径	//	

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EN-02J(097) MXJ-54