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Part Number: [0554601272](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Mi II™ System Wire-to-Board Header, Surface Mount, Single Row, Vertical, Lead-free, 12 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)	12
Circuits (maximum)	12
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

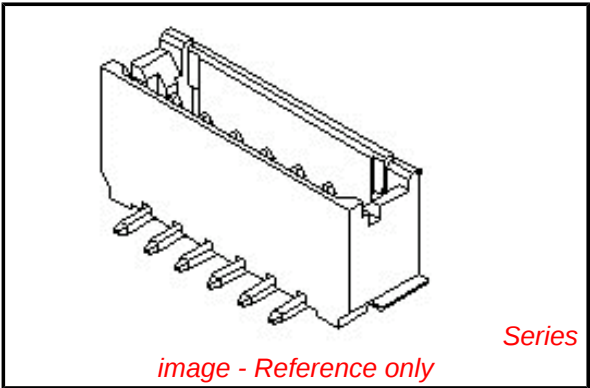
Electrical

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
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
[55460Series](#)

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

DWG. NO.
SD-55460-011

F

D

V

C

B

DO NOT SCALE DRAWING

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F

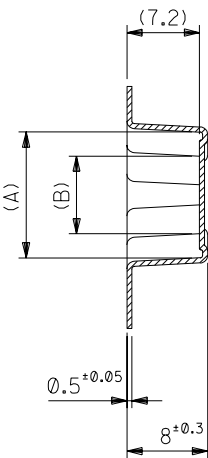
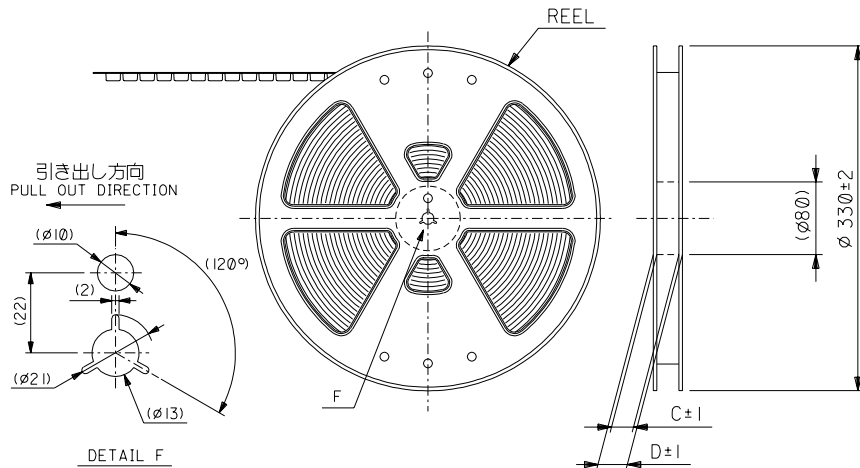
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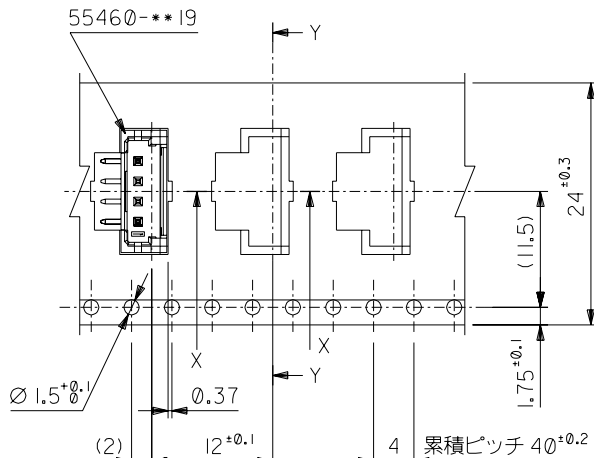
C

B

A

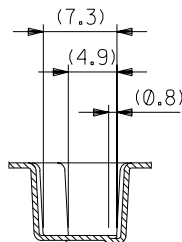


SECT. Y-Y



引き出し方向
PULL OUT DIRECTION

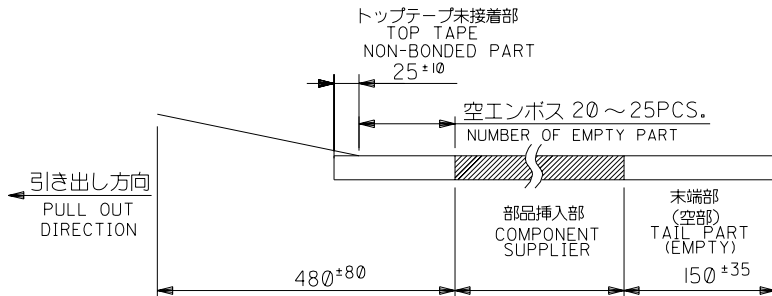
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



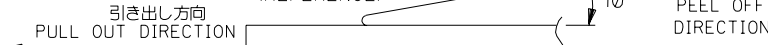
SECT. X-X

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.

55460-**72	MODEL NO.	DIMENSIONS:	SHT	REV
		☐ mm ☐ INCH ☒ mm ONLY		REVISE ON CAD ONLY

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE:	2.0 W+B Conn WAFER Assy
DRAWN BY & DATE	T.UENO	'04/03/29	CHECKED BY & DATE	M.SASAO
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.
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B

注記参照
SEE NOTES

WIRE RANGE
適用電線範囲

INS. RANGE
被覆外径

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

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

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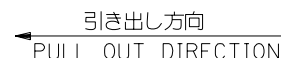
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EN-02J(097) MXJ-54

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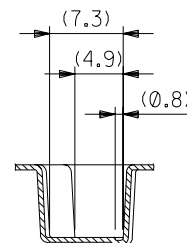
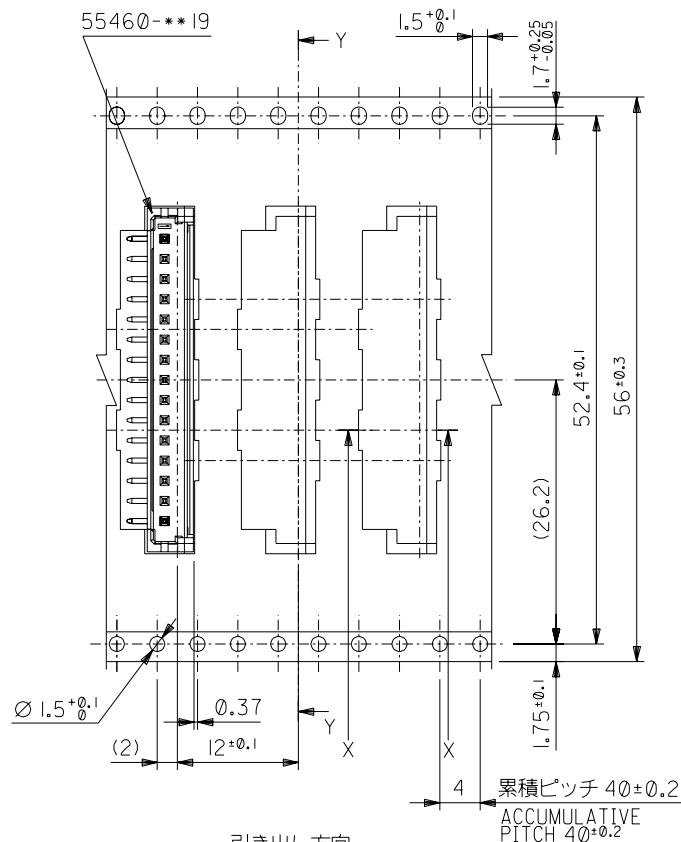
32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE



44mm幅キャリアテープ

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.

[illegible]



SECT. X-X

引き出し方向
PULL OUT DIRECTION
56mm幅キャリアテープ
56mm WIDTH CARRIER TAPE

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	
SCALE ——		DESIGN UNITS □mm □INCH		 THIRD ANGLE PROJECTION		 mm INCH		 mm mm		 mm ONLY		REVISE ON CAD ONLY			
DRAWN BY & DATE T.UENO '04/03/29				TITLE: 2.0 W+B Conn WAFER Assy Embstp pkg -LEAD FREE-											
CHECKED BY & DATE M.SASAO '04/03/29															
APPROVED BY & DATE M.SASAO '04/03/29				 MOLEX INCORPORATED											
CAD FILENAME SD-55460-011.S03				MATERIAL NO. SEE CHART			DRAWING NO. SD-55460-011			SHEET NO. 3 OF 3					
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