

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0538850608

Status:

Active

Overview:

slimstack_050mm_020_pitch

Description:

0.50mm (.020") Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 2.50mm (.098") Stack Height, without Solder Tab, 60 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54102-001 (PDF)

Product Specification PS-54102-011 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

53885

Board-to-Board

slimstack_050mm_020_pitch

SlimStack™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

60

60

30

No

No

No

None

Yes

0.098 In

2.50 mm

Brass

Gold

Gold

2

Vertical

0.025 In

0.64 mm

No

None

Embossed Tape on Reel

0.020 In

0.50 mm

10

0.25

4

0.1

No

Fully

No

-40°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V

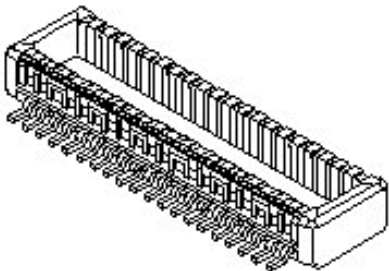


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

China RoHS



Not Reviewed

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

53885Series

Mates With

54102 SlimStack™ Receptacle

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53885-001
Product Specification	PS-54102-001, PS-54102-011, RPS-54102-002, RPS-54102-007, RPS-54102-009, RPS-54102-011, RPS-54102-013, RPS-54102-015
Sales Drawing	SD-53885-***1, SD-53885-***8

This document was generated on 05/26/2010

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DWG. NO. SD-53885-***I

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DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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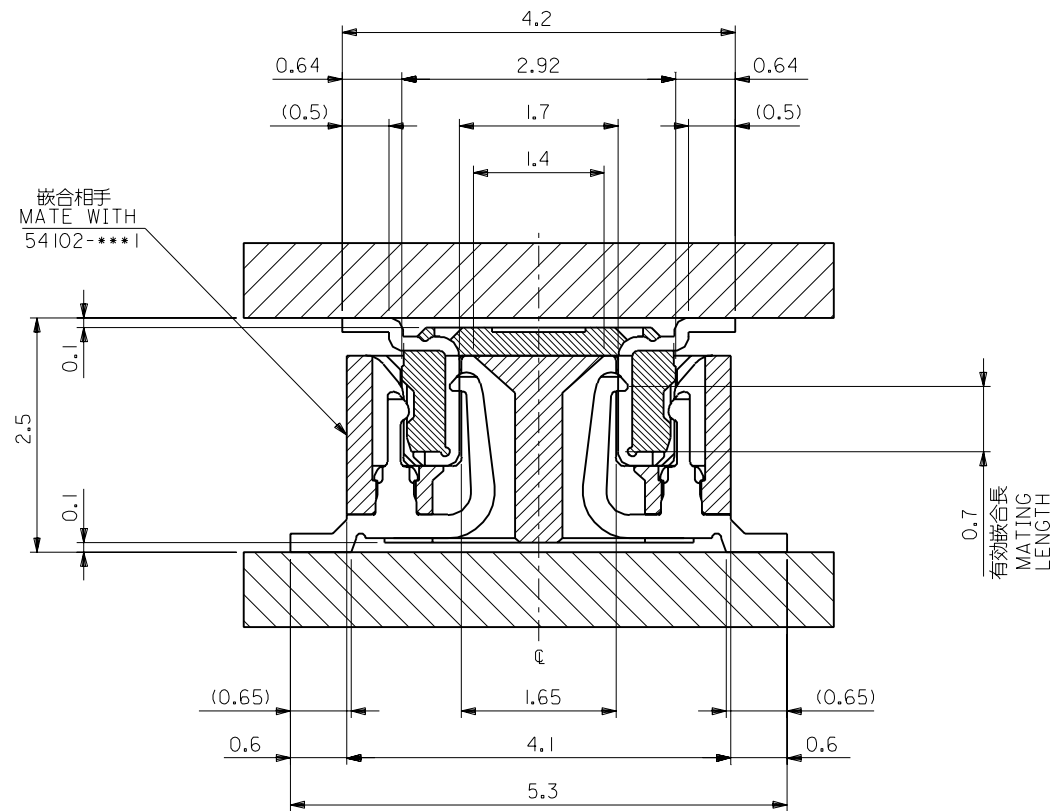
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嵌合断面図 (参考)
MATED DRAWING (REF.)

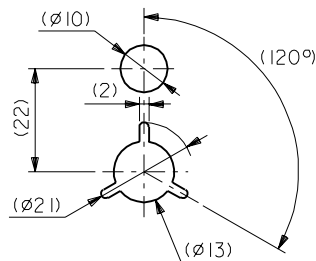
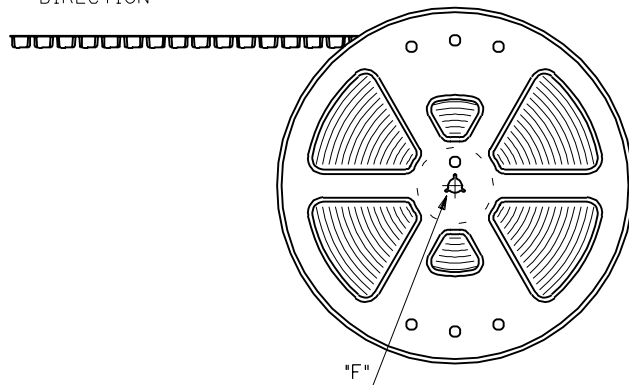
角度	ANGLE	公差
30°以上	OVER	+0.3
10°以上 30°未満	OVER 30 UNDER	+0.25
10°未満	UNDER	+0.2
一般公差 GENERAL TOLERANCES		

記号	変更内容	DR.	日付
LTR	REVISION RECORD	CHK.	DATE
D	変更 (JC2001-008)	T.N.	'00/8/3
C	変更 (JC2000-0225)	M.T.	'99/9/30
B	変更 (JC90055)	N.S.	'98/7/23
A	変更 (JC70984)	S.S.	'97/6/20
O	新規作成 (JC70275)	S.S.	'96/9/5

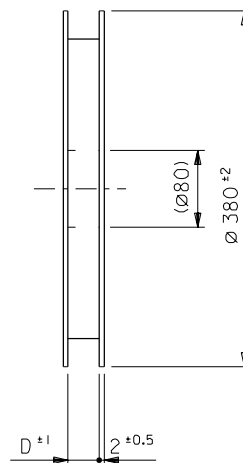
材料 MATERIAL	SHEET 1 OF 2 参照 REFER TO SHEET 1 OF 2
仕上げ FINISH	—
適用電線範囲 WIRE RANGE	—
被覆外径 INS. RANGE	—
DRAWN BY '96/9/5 T.NIITSU	CHK'D BY '00/8/3 T.IITO
APP'D BY '00/8/3 M.FUKUSHIMA	尺度 SCALE —

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
REVISE ONLY ON CAD SYSTEM
TITLE 名称 0.5 BOARD TO BOARD Conn PLUG Hgt=2.5mm
DWG. NO. (SHEET 2 OF 2) REV SD-53885-***I D

引き出し方向
PULL OUT
DIRECTION

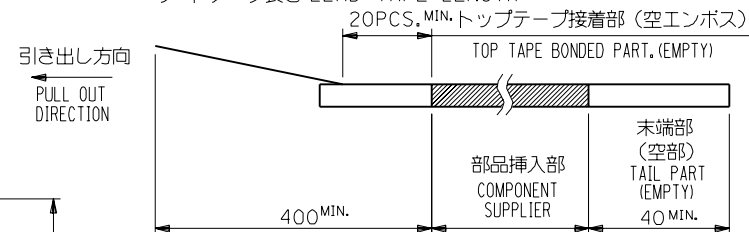


DETAIL "F"



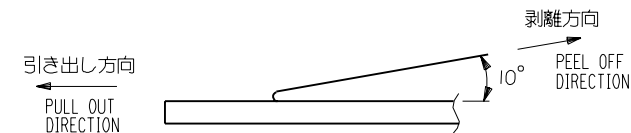
NOTES

- 製品詳細寸法については図面 SD-53885-****1 を参照下さい。
RE DETAILED DIMENSION, SEE SD-53885-****1
- 梱包数量 : 3000個/リール
NUMBER OF CONNECTORS : 3000PCS/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 ~ 0.7N(10.2gf ~ 71.4gf)
(剥離方向は下図参照)

尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1N ~ 0.7N(10.2gf ~ 71.4gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED ,DURING TRANSPORTATION.



- 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>

				材料 MATERIAL	注記参照 SEE NOTES	MOLEX JAPAN CO.,LTD. 日本モレックス株式会社
				仕上げ FINISH	—#—	REVISE ONLY ON CAD SYSTEM
				適用電線範囲 WIRE RANGE	—#—	TITLE 名称
				被覆外径 INS. RANGE	—#—	0.5 BtB Conn Plug Assy Hgt=2.5 Embstp Pkg
				DRAWN BY %/ / %/ / %/ / T.NIITSU	CHK'D BY %/ / %/ / %/ / T.IITO	DWG. NO. (SHEET 1 OF 4) REV
				APP'D BY %/ / %/ / %/ / M.FUKUSHIMA	尺度 SCALE	SD-53885-****8 D
角 度 ANGLE				記号 LTR	変更内容 REVISION RECORD	DR. 日付 CHK. DATE
30 以上 OVER				D 変更 REVISED	(JC2001-0421)	00/12/6
10 以上 30 未満 UNDER				C 変更 REVISED	(JC2000-0225)	99/9/29
10 未満 UNDER				B 変更 REVISED	(JC80021)	97/7/8
一般公差 GENERAL TOLERANCES				A 変更 REVISED	(JC70445)	96/11/1
				O 新規作成 PROPOSED	(JC70278)	96/9/9

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DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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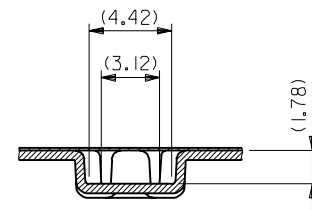
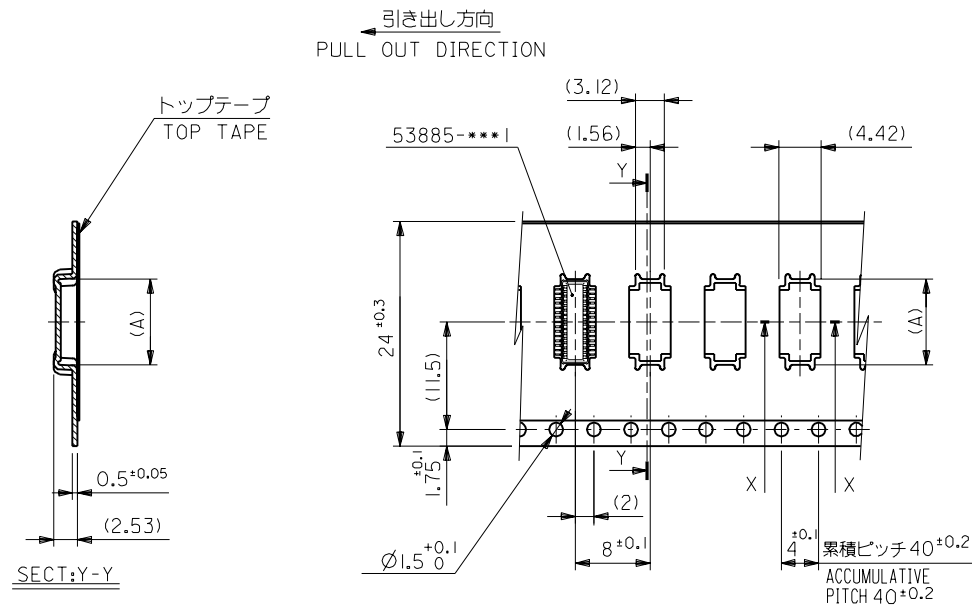
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24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	25.5	14.15	53885-0508	50
		11.65	53885-0408	40
		9.15	53885-0308	30
キャリアテープ幅 CARRIER TAPE WIDTH	D	(A)	ENG.NO.	極致 CKT.

				材料 MATERIAL SHEET 1 OF 4 参照 REFER TO SHEET 1 OF 4		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
				仕上げ FINISH —#—		REVISE ONLY ON CAD SYSTEM	
				適用電線範囲 WIRE RANGE —#—		TITLE 名称	
				被覆外径 INS. RANGE —#—		0.5 BtB Conn Plug Assy Hgt=2.5 Embstp Pkg	
				DRAWN BY 96/ 9/ 5 T.NIITSU		CHK'D BY 00/12/6 T.IITO	
				APP'D BY 00/12/6 M.FUKUSHIMA		尺度 SCALE —#—	
				DR. 日付 CHK. DATE		DWG. NO. (SHEET 3 OF 4)	
						SD-53885-***8	
						REV D	

角度 ANGLE	±3°	D 変更 REVISED (JC2001-0421)	K.K.	00/12/6
30°以上 OVER	±0.3	C 変更 REVISED (JC2000-0225)	M.M.	99/9/30
10°以上 30°未満 OVER UNDER	±0.25	B 変更 REVISED (JC80021)	T.N.	97/7/8
10°未満 UNDER	±0.2	A 変更 REVISED (JC70445)	S.A.	96/11/1
新規作成 PROPOSED		O 新規作成 (JC70278)	T.N.	96/ 9/ 5
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. 日付 CHK. DATE

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DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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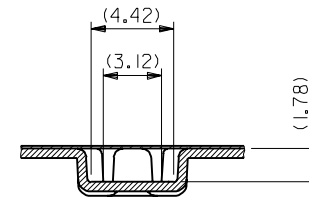
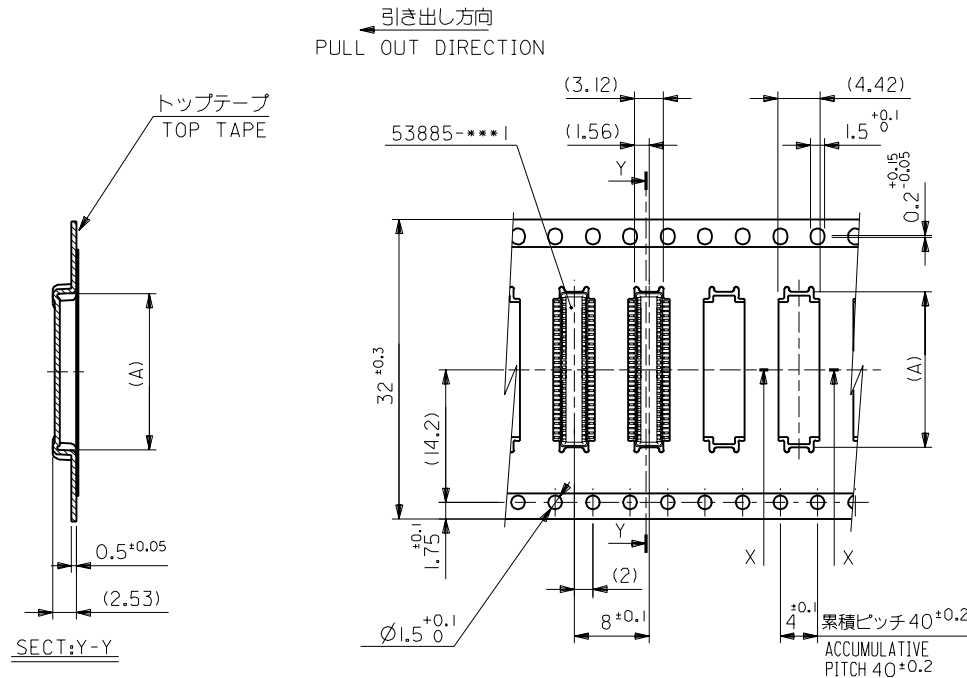
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SECT:X-X
(SCALE:4-1)

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	33.5	19.15	53885-0708	70
キャリアテープ幅 CARRIER TAPE WIDTH	D	(A)	ENG.NO.	極致 CKT.
		16.65	53885-0608	60

							材料 MATERIAL SHEET 1 OF 4 参照 REFER TO SHEET 1 OF 4		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
							仕上げ FINISH —#—		REVISE ONLY ON CAD SYSTEM	
							適用電線範囲 WIRE RANGE —#—		TITLE 名称	
角度 ANGLE		+3.0					被覆外径 INS. RANGE —#—		0.5 B+B Conn Plug Assy Hgt=2.5 Embstp Pkg	
30 以上 OVER	+0.5	D	変更 REVISED (JC2001-0421)	4.4	00/12/6		DRAWN BY 91/1/18 T.NIITSU		CHK'D BY 00/12/6 T.ITO	
10 以上 30 未満 OVER UNDER	+0.25	C	変更 REVISED (JC2000-0225)	4.4	99/9/30		APP'D BY 00/12/6 M.FUKUSHIMA		尺度 SCALE —#—	
10 未満 UNDER	+0.2	B	変更 REVISED (JC80021)	4.4	91/1/18		DWG. NO. (SHEET 4 OF 4) REV		SD-53885-***8 D	
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD		DR.	日付 DATE	CHK.			