

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0536250474

Status:

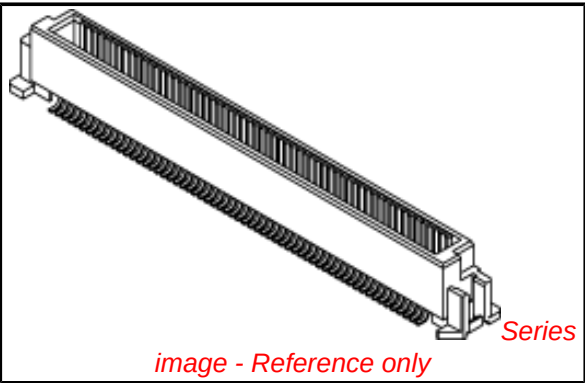
Active

Overview:

slimstack_0635mm_025_pitch

Description:

0.635mm (.025") Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 13.00mm (.512") Stack Height, Lead-free, 40 Circuits, with Embossed Tape with Cover Packaging



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-52760-015 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	53625
Application	Board-to-Board
Comments	Stacking-Type
Overview	slimstack_0635mm_025_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height (in)	0.276 In, 0.512 In
Mated Height (mm)	13.00 mm, 7.00 mm
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.025 In
Pitch - Mating Interface (mm)	0.64 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.5A

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

53625Series

Mates With

SlimStack™ Receptacle [52760](#) , [52837](#) , [52885](#) , [52901](#)

Voltage - Maximum

100V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

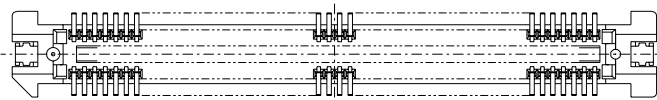
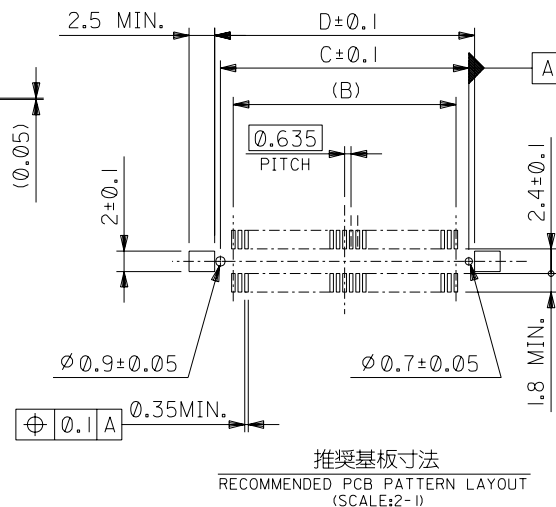
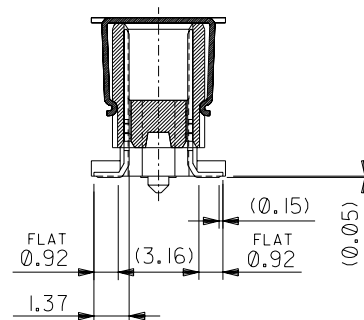
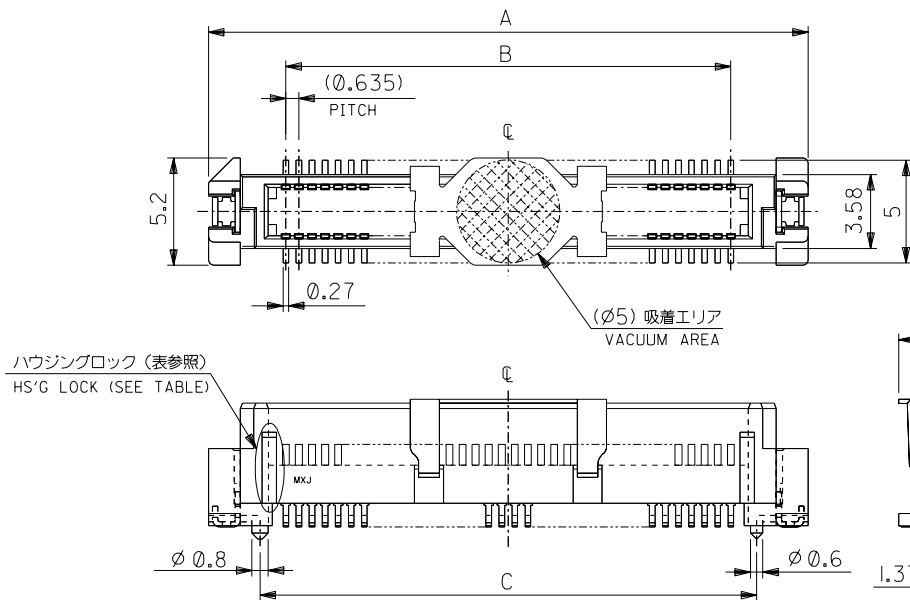
SPK-53625-001

PS-52760-015, RPS-52760-017, RPS-52760-018,
RPS-52760-020, RPS-52760-021, RPS-52760-027,
RPS-52760-029

SD-53625-002, SD-53625-003

This document was generated on 05/25/2010

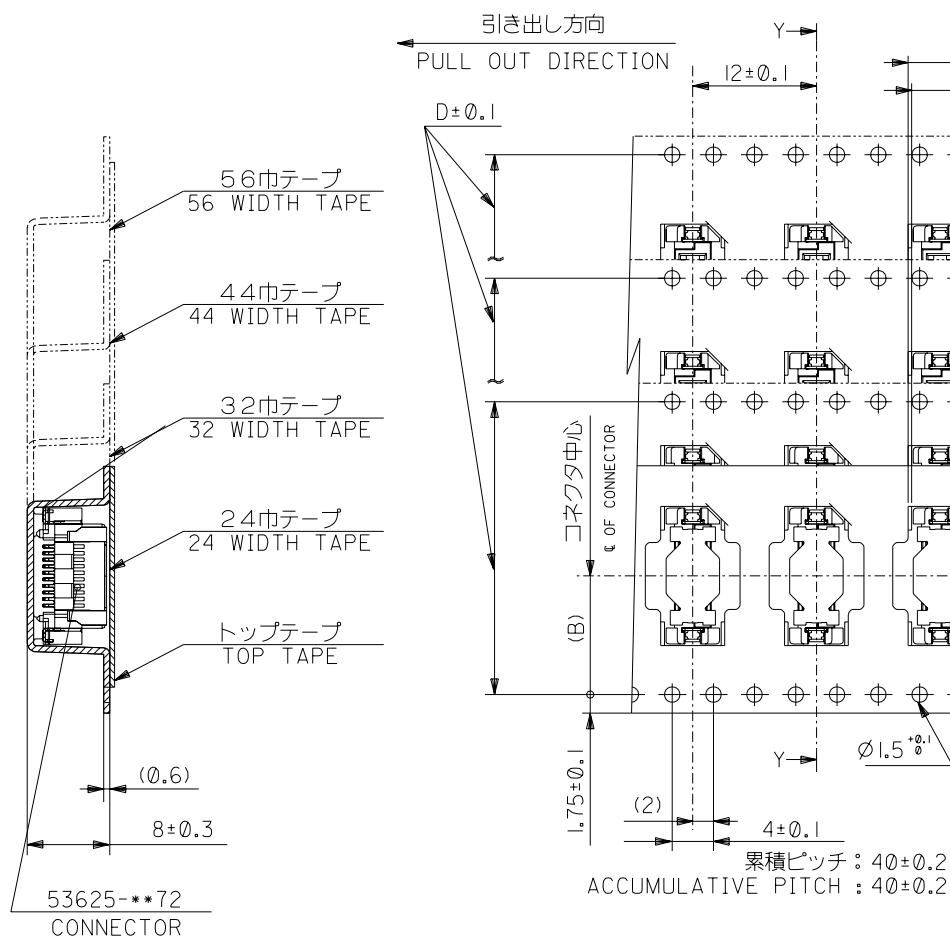
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注)
NOTES

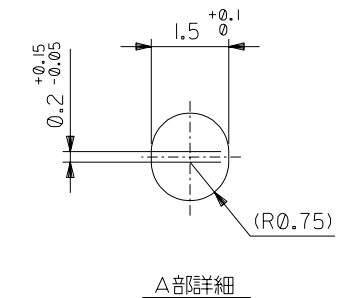
- 材質
MATERIAL
ハウジング: ガラス入りPPS、茶色、UL94V-0
HOUSING: G.F.PPS, BROWN, UL94V-0
ターミナル: 銅合金 (t=0.2)
TERMINAL: COPPER ALLOY
補強金具: 銅合金 (t=0.25)
FITTING NAIL: COPPER ALLOY
吸着カバー: ステンレス (t=0.2)
VACUUM COVER: STAINLESS STEEL
- メッキ仕様
PLATING
ターミナル: 接点部: 金メッキ 0.25 μm MIN.
TERMINAL: CONTACT AREA: GOLD 0.25 MICROMETER MIN.
半田付け部: 錫メッキ 1.0 μm MIN.
SOLDER TAIL AREA: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.5 μm MIN.
UNDER-PLATING: NICKEL 1.5 MICROMETER MIN.
補強金具: 錫メッキ 1.0 μm MIN.
FITTING NAIL: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.0 μm MIN.
UNDER-PLATING: NICKEL 1.0 MICROMETER MIN.
- テールのバラツキ寸法
TAIL COPLANARITY
テール平坦度は、0.1 MAX.とする。
TAILS COPLANARITY TO BE 0.1 MAX.
- エンボス対応済みの極数については、SD-53625-003を参照下さい。
FOR THE EMBOSSED PACKAGE PRODUCTS, SEE SD-53625-003.
- 本製品は53625-***2の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53625-***2.

無し NO	79.17	78.07	75.565	83.07	53625-2474	53625-2472	240	○
	66.47	65.37	62.865	70.37	—	-2072	200	—
	60.12	59.02	56.515	64.02	—	-1872	180	—
	53.77	52.67	50.165	57.67	53625-1674	-1672	160	○
	47.42	46.32	43.815	51.32	—	-1472	140	○
	41.07	39.97	37.465	44.97	—	-1274	120	○
	34.72	33.62	31.115	38.62	—	-1074	100	—
	31.55	30.45	27.94	35.45	—	-0974	90	○
	28.37	27.27	24.765	32.27	—	-0874	80	○
	25.2	24.1	21.59	29.1	—	-0774	70	—
有り YES	24.56	23.46	20.955	28.46	—	-6874	68	—
	22.02	20.92	18.415	25.92	—	-0674	60	—
	18.85	17.75	15.24	22.75	—	-0574	50	○
	15.67	14.57	12.065	19.57	—	-0474	40	○
	12.5	11.4	8.89	16.4	—	-0374	30	○
	9.32	8.22	5.715	13.22	53625-0274	53625-0272	20	—
	ハウジングロック HS'G LOCK				エンボス梱包 EMBOSSED PACKAGING	製品番号 MATERIAL NO.	極数 CKT. NO.	量産対応 AVAILABLE
	D	C	B	A		MODEL NO.	53625-***72	

				材料 MATERIAL	注) 参照 SEE NOTES	molex MOLEX-JAPAN CO., LTD. 日本モレックス株式会社		
				仕上げ FINISH	注) 参照 SEE NOTES	REVISE ONLY ON CAD SYSTEM		
				適用電線範囲 WIRE RANGE	—	TITLE 名称		
				被覆外径 INS. RANGE	—	0.635 PITCH B-T-O-B CONN. PLUG HS'G COVER ASS'Y -LEAD FREE-		
				DRAWN BY '04/05/14 Y.WADA	CHK'D BY '04/05/14 M.SASAO	DWG. NO.		
				APP'D BY '04/05/14 M.SASAO	尺度 SCALE 4-1	SD-53625-002		
				一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
				角度 ANGLE ±3°	30°以上 OVER	±0.3	10°以上 30°未満 UNDER	±0.25
				10°未満 UNDER	±0.2	0	新規作成 RELEASED (J2004-4233)	Y.W. '04/05/14



61.4	57.4	52.4	56 ^{±0.3}	26.2	38.9	53625-1074	100	—
					35.8	-0974	90	○
49.4	45.4	40.4	44 ^{±0.3}	20.2	32.6	-0874	80	○
					29.4	-0774	70	—
					28.8	-6874	68	—
					26.2	-0674	60	—
					23.1	-0574	50	○
37.4	33.4	28.4	32 ^{±0.3}	14.2	19.9	-0474	40	○
29.4	25.4	—	24 ^{±0.3}	11.5	16.7	-0374	30	○
F	E	D	C	(B)	(A)	53625-0274	20	—
キャリアテープ幅 CARRIER TAPE WIDTH					MATERIAL NO.			



角度 ANGLE	公差 TOLERANCE
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	

材料 MATERIAL	注参照 SEE NOTES
仕上げ FINISH	—
適用電線範囲 WIRE RANGE	—
被覆外径 INS. RANGE	—
DRAWN BY '04/05/14 Y.WADA	CHK'D BY '04/05/14 M.SASAO
APP'D BY '04/05/14 M.SASAO	SCALE —
記号 LTR	変更内容 REVISION RECORD
DR. CHK.	日付 DATE

MODEL NO.	53625-72
MATERIAL NO.	
REVISION RECORD	
DATE	

MATERIAL NO.	
REVISION RECORD	
DATE	
SCALE	
DWG. NO. (SHEET 2 OF 3)	
SD-53625-003	
REV 0	

