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Part Number:

0536252474

Status:

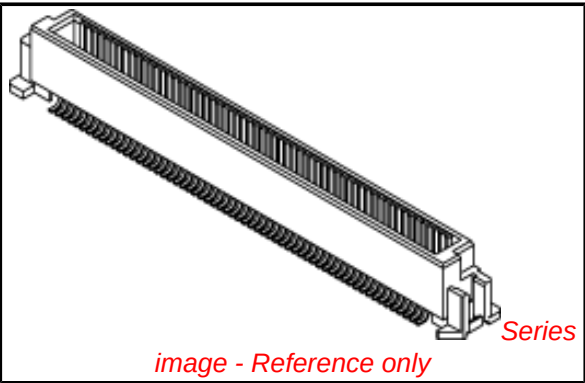
Active

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, 240 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)	240
Circuits (maximum)	240
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

Not Reviewed

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

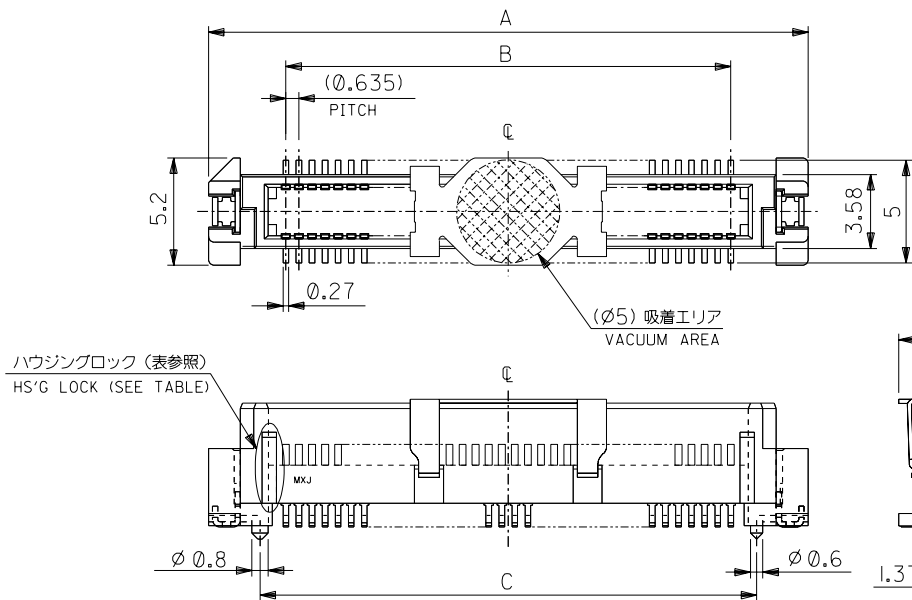
SPK-53625-001

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

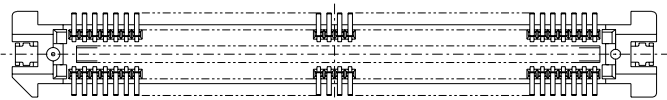
SD-53625-002, SD-53625-003

This document was generated on 05/25/2010

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ハウジングロック (表参照)
HS'G LOCK (SEE TABLE)



注) NOTES

1. 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

2. メッキ仕様 PLATING

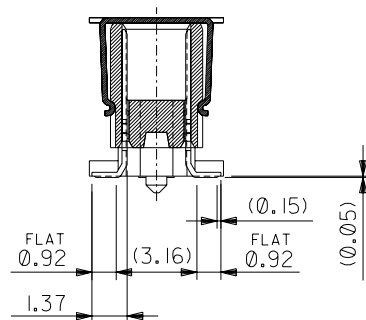
ターミナル: 接点部: 金メッキ 0.25μmMIN.
TERMINAL: CONTACT AREA: GOLD 0.25 MICROMETER MIN.
半田付け部: 錫メッキ 1.0μmMIN.
SOLDER TAIL AREA: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.5μmMIN.
UNDER-PLATING: NICKEL 1.5 MICROMETER MIN.
補強金具: 錫メッキ 1.0μmMIN.
FITTING NAIL: TIN 1.0 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.0μmMIN.
UNDER-PLATING: NICKEL 1.0 MICROMETER MIN.

3. テールのバラツキ寸法 TAIL COPLANARITY

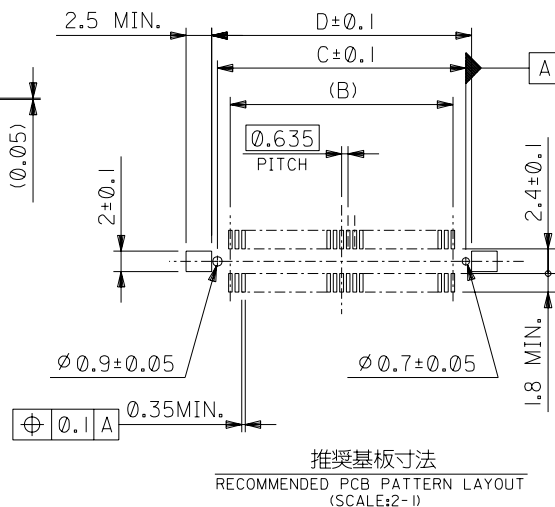
テール平坦度は、0.1MAX.とする。
TAILS COPLANARITY TO BE 0.1MAX.

4. 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.

5. 本製品は53625-***2の鉛フリー品である。 THIS PRODUCT IS LEAD FREE OF 53625-***2.



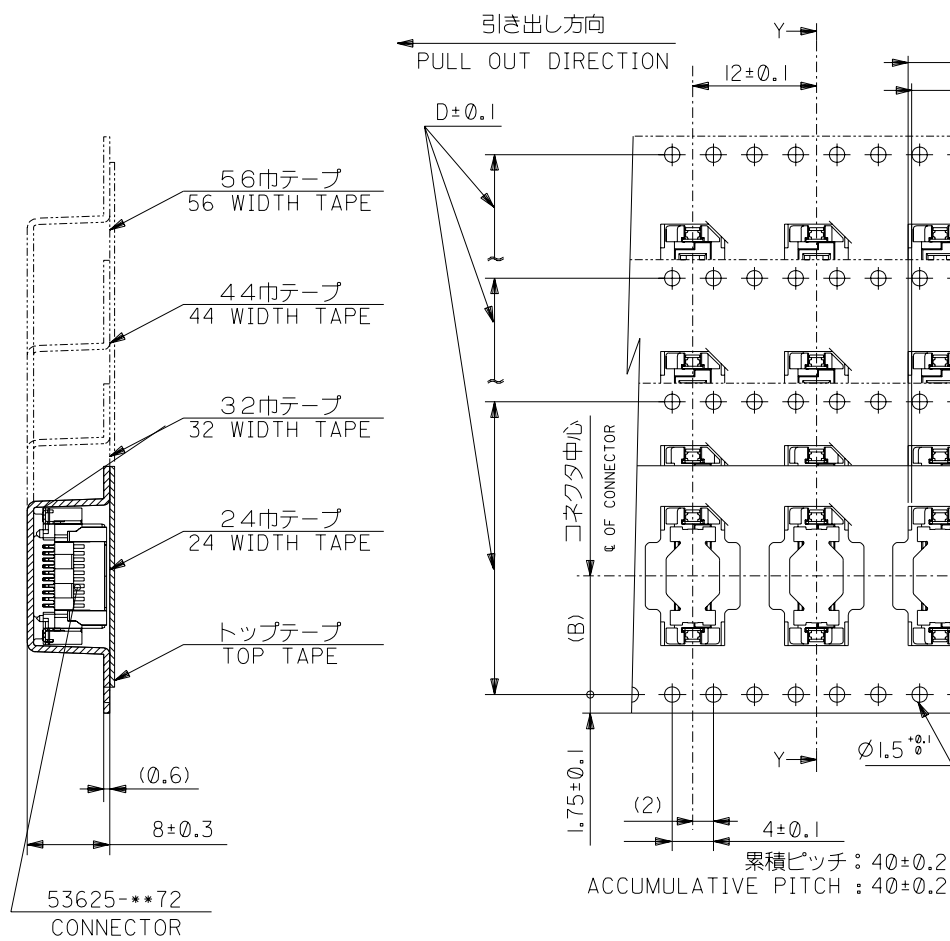
半田付け部詳細図
DETAIL FOR SOLDERING AREA



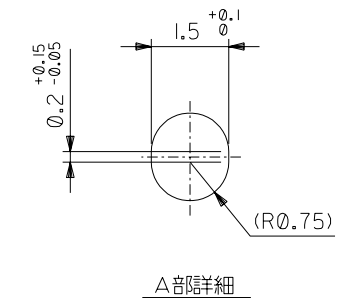
推奨基板寸法
RECOMMENDED PCB PATTERN LAYOUT
(SCALE: 2-1)

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	↑ -1474	-1472	140	○
	41.07	39.97	37.465	44.97	-1274	-1272	120	○
	34.72	33.62	31.115	38.62	-1074	-1072	100	—
	31.55	30.45	27.94	35.45	-0974	-0972	90	○
	28.37	27.27	24.765	32.27	-0874	-0872	80	○
	25.2	24.1	21.59	29.1	-0774	-0772	70	—
有り YES	24.56	23.46	20.955	28.46	-6874	-6872	68	—
	22.02	20.92	18.415	25.92	-0674	-0672	60	—
	18.85	17.75	15.24	22.75	-0574	-0572	50	○
	15.67	14.57	12.065	19.57	-0474	-0472	40	○
	12.5	11.4	8.89	16.4	↓ -0374	↓ -0372	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	D	C	B	A	エンボス梱包 EMBOSSED PACKAGING	製品番号 MATERIAL NO.	極数 CKT. NO.
						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-TO-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	
				一般公差 GENERAL TOLERANCES		記号 LTR		REVISION RECORD	
				0 新規作成 RELEASED (J2004-4233)		Y.W.		DR. CHK.	
				1.0 変更内容 REVISION RECORD		M.S.		DATE	



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	○
					16.7	-0374	30	○
29.4	25.4	—	24 ^{±0.3}	11.5	13.5	53625-0274	20	—
F	E	D	C	(B)	(A)	MATERIAL NO.	極数 NO. OF (XTS.) AVAILABLE	標準対応 STANDARD AVAILABLE



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	尺度 SCALE
記号 LTR	変更内容 REVISION RECORD
DR. CHK.	日付 DATE

MODEL NO.	53625-72
MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 53625-72 TAPING PACKAGE -LEAD FREE-	
DWG. NO. (SHEET 2 OF 3)	REV
SD-53625-003	0

EN-0 IC(032)MXJ-32