

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0536251274

Status:

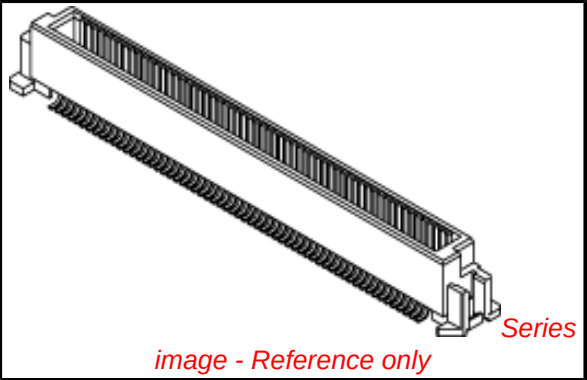
Active

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, 120 Circuits, with Embossed Tape with Cover Packaging



Documents:	
3D Model	Product Specification PS-52760-015 (PDF)
Drawing (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)	120
Circuits (maximum)	120
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

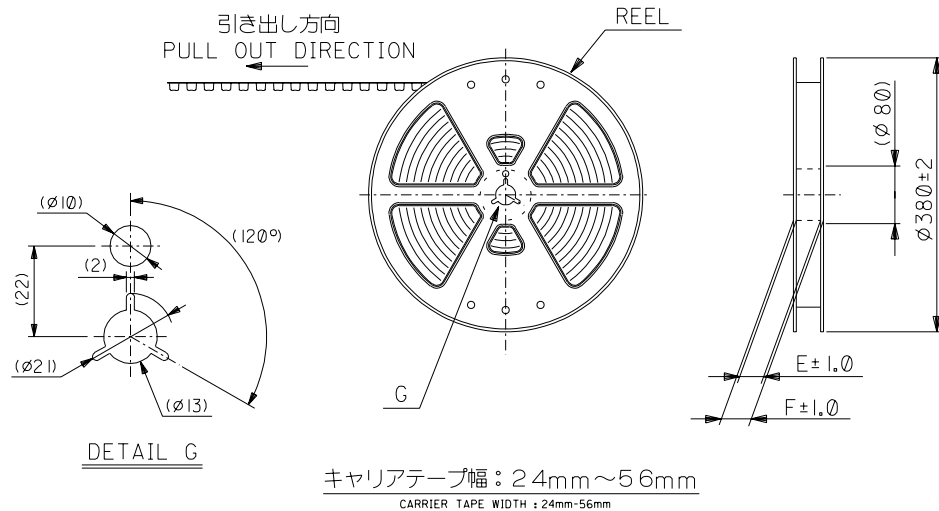
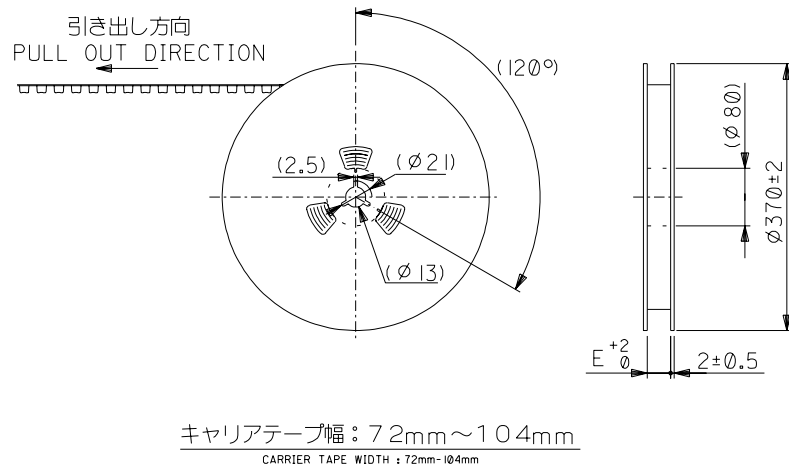
SPK-53625-001

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

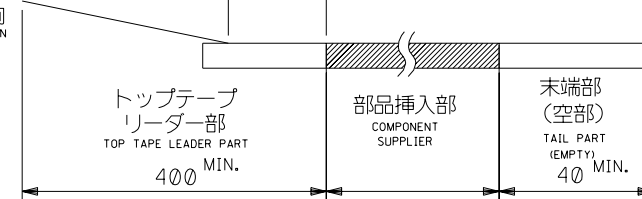
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キャリアテープ幅：24mm~56mm
CARRIER TAPE WIDTH : 24mm-56mmキャリアテープ幅：72mm~104mm
CARRIER TAPE WIDTH : 72mm-104mm注)
NOTES1. 製品番号 53625-***72 の詳細寸法については、SD-53625-002 を参照下さい。
IN THE PACKAGE ,PART NO.53625-***72 DETAILED DIMENSIONS ,SEE SD-53625-0022. 梱包数量 :
NUMBER OF CONNECTORS :

CIRCUITS	NUMBER
OTHERS	1000 PCS/REEL
240	800 PCS/REEL

3. リードテープ長さ
LEAD TAPE LENGTHトップテープ接着部
TOP TAPE BONDED PART
(空エンボス)
(EMPTY)

20PCS. MIN.

引き出し方向
PULL OUT DIRECTION

4. トップテープの剥離強度 (剥離方向は下図参照)

PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)

0.1~1.3N (10~130gf) : キャリアテープ幅24mm~104mm

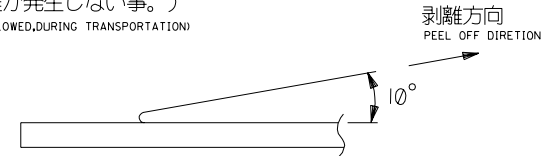
キャリアテープ幅24mm~104mm
CARRIER TAPE WIDTH 24mm-104mm

尚、本規格値は、出荷時に適用。

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT

(但し、輸送時に剥離が発生しない事。)

(PEEL OFF SHOULD NOT BE ALLOWED,DURING TRANSPORTATION)

引き出し方向
PULL OUT DIRECTION5. 材料
MATERIAL

キャリアテープ : ポリプロピレン (PP)

CARRIER TAPE : POLYPROPYLENE (PP)

トップテープ : PET, PE, PEF

TOP TAPE : PET , PE , PEF

リール
REEL

キャリアテープ幅 24mm~56mm : ポリスチレン

CARRIER TAPE WIDTH 24mm-56mm : POLYSTYRENE

キャリアテープ幅 72mm~104mm : 紙

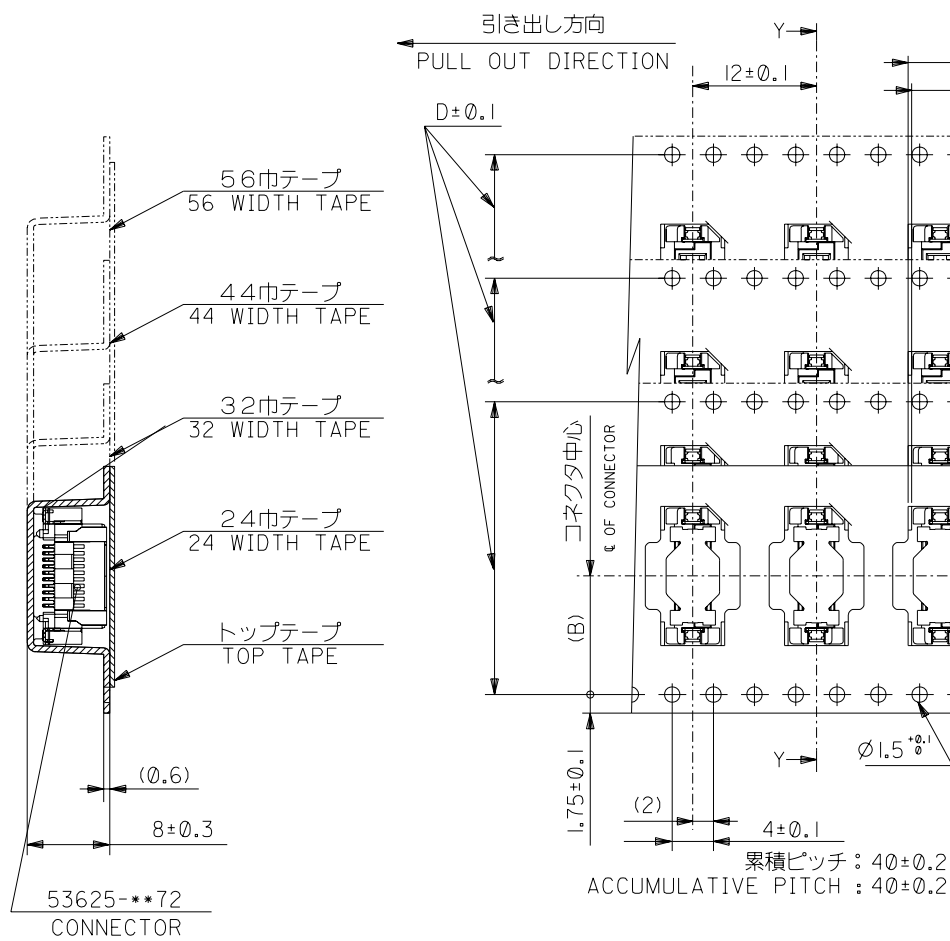
CARRIER TAPE WIDTH 72mm-104mm : CARD BOARD

6. 本製品は53625-***4の鉛フリー品である。

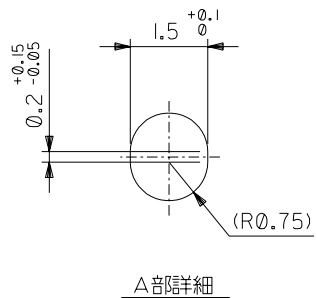
THIS PRODUCT IS LEAD FREE OF 53625-***4.

角度 ANGLE	30°以上 OVER	30°以下 10°以上 UNDER	10°以下 未満 UNDER	未満 UNDER	新規作成 RELEASED (J2004-4233)	変更内容 REVISION RECORD	日付 DATE	材料 MATERIAL	注参照 SEE NOTES
30°以上 OVER	+0.3	+0.25	+0.2	0	新規作成 RELEASED (J2004-4233)	変更内容 REVISION RECORD	日付 DATE	仕上げ FINISH	適用電線範囲 WIRE RANGE
30°以下 10°以上 UNDER	+0.3	+0.25	+0.2	0	新規作成 RELEASED (J2004-4233)	変更内容 REVISION RECORD	日付 DATE	被覆外径 INS. RANGE	被覆外径 INS. RANGE
10°以下 未満 UNDER	+0.3	+0.25	+0.2	0	新規作成 RELEASED (J2004-4233)	変更内容 REVISION RECORD	日付 DATE	DRAWN BY '04/05/14 Y.WADA	CHK'D BY '04/05/14 M.SASAO
未満 UNDER	+0.3	+0.25	+0.2	0	新規作成 RELEASED (J2004-4233)	変更内容 REVISION RECORD	日付 DATE	APP'D BY '04/05/14 M.SASAO	尺度 SCALE
一般公差 GENERAL TOLERANCES	+0.3	+0.25	+0.2	0	新規作成 RELEASED (J2004-4233)	変更内容 REVISION RECORD	日付 DATE		

MODEL NO.	53625-***74
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 1 OF 3) SD-53625-003
REV	0



断面 Y-Y
SECTION Y-Y



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	—
CARRIER TAPE WIDTH					MATERIAL NO.			

角 度 ANGLE		±30					材料 MATERIAL	注参照 SEE NOTES
30 以上 OVER		±0.3					仕上げ FINISH	—
10 以上 30 未満 OVER 30 UNDER		±0.25					適用電線範囲 WIRE RANGE	—
未満 10 UNDER		±0.2					被覆外径 INS. RANGE	—
一般公差 GENERAL TOLERANCES	0	新規作成 RELEASED (J2004-4233)	Y.W.	M.S.	04/05/14		DRAWN BY 04/05/14 Y.WADA	CHK'D BY 04/05/14 M.SASAO
記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	尺 度 SCALE	—		APP'D BY 04/05/14 M.SASAO	

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 0
SD-53625-003	

