

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0528851474](#)  
**Status:** **Active**  
**Description:** 0.635mm (.025") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 5.00 to 10.00mm (.197 to .394") Stacking Heights, Embossed Tape with Cover Packaging, 140 Circuits, Lead-free

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-52760-015 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
Series [52885](#)  
Application Board-to-Board  
Comments Stacking-Type  
Product Name SlimStack™

**Physical**

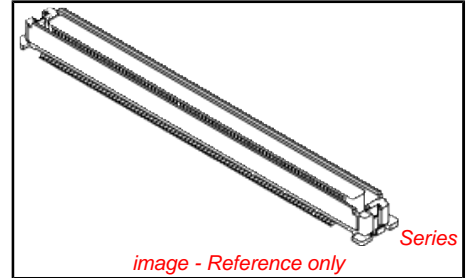
Circuits (Loaded) 140  
Color - Resin Natural  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Compliant No  
Mated Height (mm) 10.00 mm, 5.00 mm, 6.00 mm, 7.00 mm, 8.00 mm, 9.00 mm  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination 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) 80  
Plating min: Termination (µm) 2  
Polarized to PCB Yes  
Robotic Placement Pick and Place Cap  
Surface Mount Compatible (SMC) N/A  
Temperature Range - Operating -55°C to +85°C  
Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 0.5A  
Voltage - Maximum 100V

**Material Info**

**Reference - Drawing Numbers**



**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](mailto: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**

[52885Series](#)

**Mates With**

[55091](#) , [53649](#) , [53643](#) , [53475](#) , [53627](#) , [53553](#) , [53552](#) , [53647](#) , [53551](#) , [53481](#) , [53625](#)

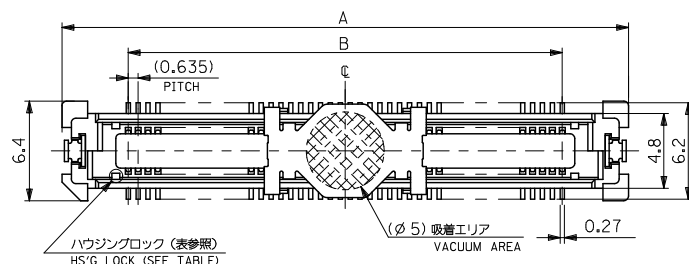
Product Specification

Sales Drawing

PS-52760-015, RPS-52760-017, RPS-52760-018,  
RPS-52760-020, RPS-52760-021, RPS-52760-029,  
RPS-52885-007, RPS-52885-008, RPS-52885-009  
SD-52885-003, SD-52885-004

This document was generated on 04/15/2010

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10 9 8 7 6 5 4 3 2 1

F

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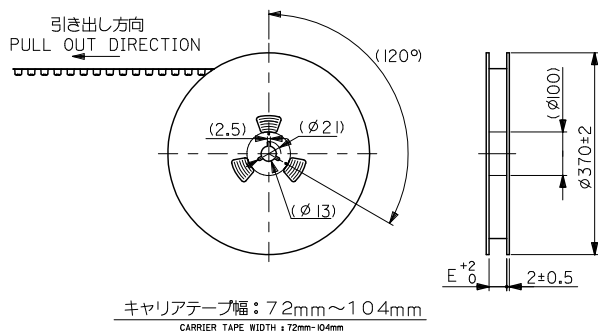
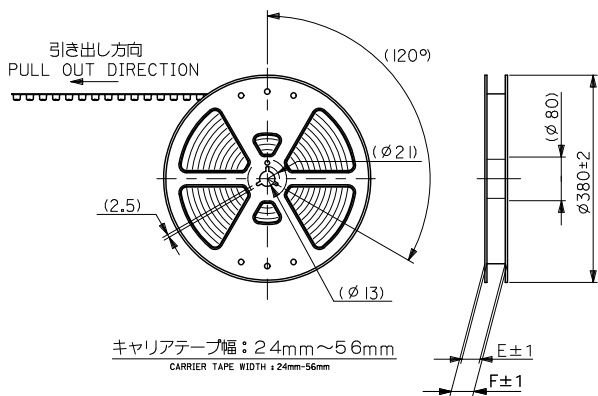
E

D

C

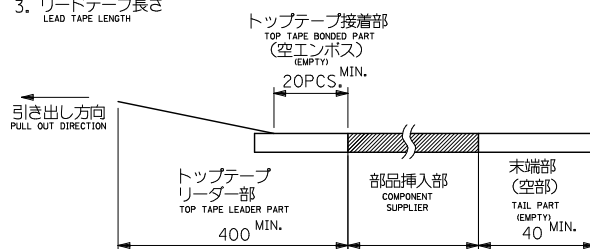
B

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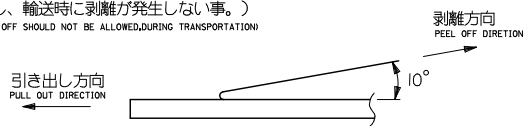
注)  
NOTES

- 製品番号 52885-\*\*\*72 の詳細寸法については SD-52885-003 を参照下さい。  
IN THE PACKAGE, PART NO. 52885-\*\*\*72 DETAILED DIMENSIONS, SEE SD-52885-003
- 梱包数量 : 1000個/リール  
NUMBER OF CONNECTORS : 1000 PCS/REEL
- リードテープ長さ  
LEAD TAPE LENGTH



- 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.)  
0.1~0.3N {10~130gf}

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)



- 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

REVISED EC NO: J2010-2458 DRWN: KAIHO CHKD: TOJO APPR: MSASAO		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		CONNECTOR SERIES No.		52885-**72	
				SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		10 UNDER		± ---		DRAWN BY M. NAGATA		DATE 2004/02/25	
				10 OVER 30 UNDER		± ---		CHECKED BY K. TOJO		DATE 2004/02/25	
				30 OVER		± ---		APPROVED BY M. SASAO		DATE 2004/02/25	
				ANGULAR		± --- °		MATERIAL NO.		SEE TABLE	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO.		SD-52885-004	
								molex		MOLEX INCORPORATED	
										SHEET NO. 1 OF 3	

