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Part Number: [0529010474](#)
Status: **Active**
Description: 0.635mm (.025") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 11.00 to 16.00mm (.433 to .630") Stacking Heights, Embossed Tape with Cover Packaging, 40 Circuits, Lead-free

Documents:	
3D Model	Product Specification PS-52760-015 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

Product Family	PCB Receptacles
Series	52901
Application	Board-to-Board
MolexKits	Yes
Product Name	SlimStack™

Physical

Circuits (Loaded)	40
Color - Resin	White
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (mm)	11.00 mm, 12.00 mm, 13.00 mm, 14.00 mm, 15.00 mm, 16.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
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

Packaging Specification	SPK-52901-001
Product Specification	PS-52760-015, RPS-52760-017, RPS-52760-018, RPS-52760-020, RPS-52760-021, RPS-52760-028, RPS-52760-029, RPS-52901-010, RPS-52901-012
Sales Drawing	SD-52901-008, SD-52901-009, SD-52901-015

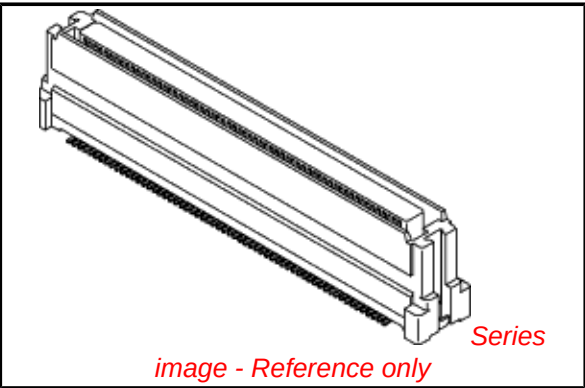


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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
[52901Series](#)

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

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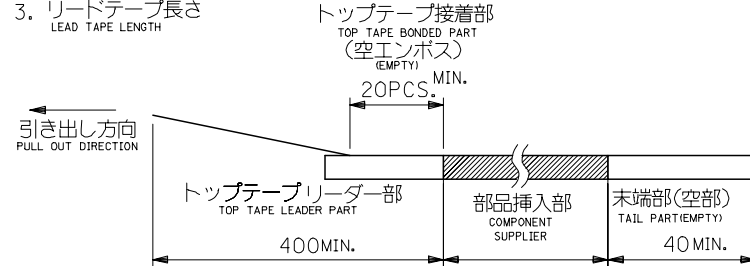
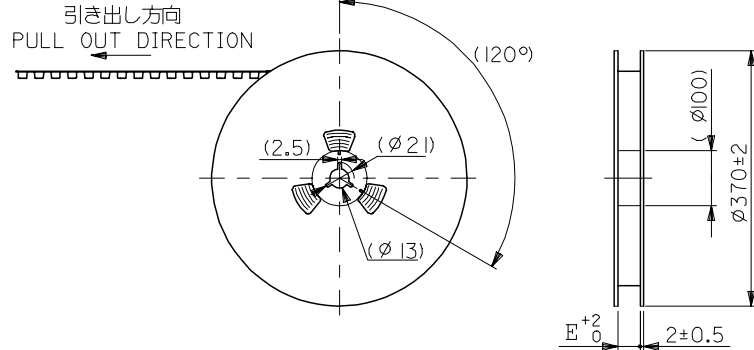
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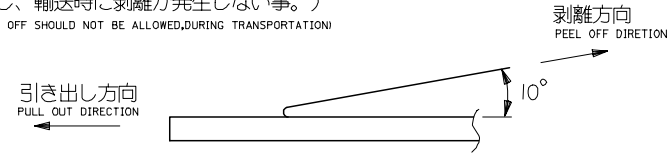
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注)
NOTES

1. 製品番号 52901-***72 の詳細寸法については、SD-52901-008 を参照下さい。
IN THE PACKAGE , PART NO.52901-***72 DETAILED DIMENSIONS , SEE SD-52901-008
2. 梱包数量 : 440 個/リール
NUMBER OF CONNECTORS : 440 PCS/REEL
3. リードテープ長さ
LEAD TAPE LENGTH



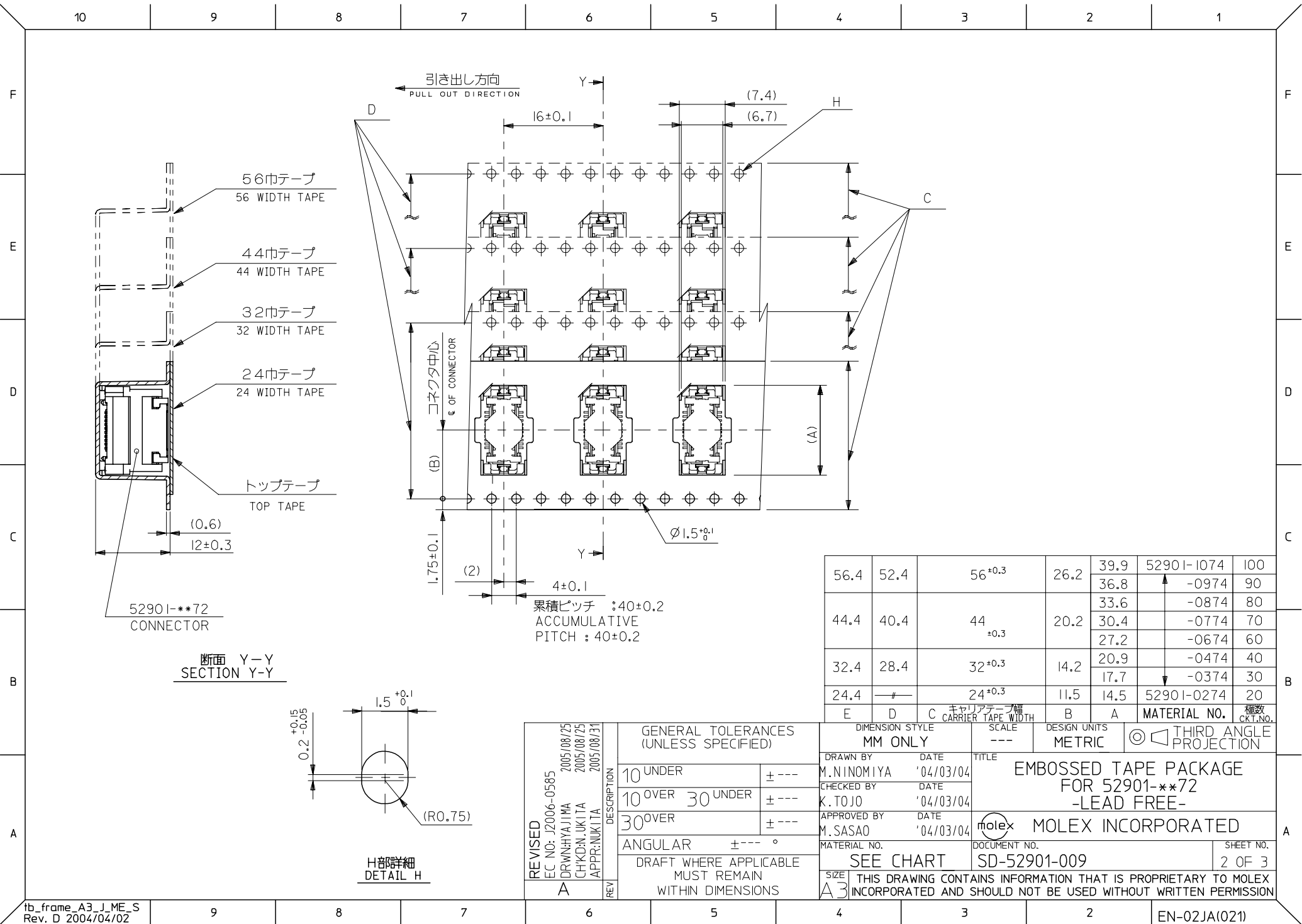
4. トップテープの剥離強度 (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
0. 1N~1. 3N {10gf~130gf} : キャリアテープ幅24mm~72mm
CARRIER TAPE WIDTH 24mm~72mm
- 尚、本規格値は、出荷時に適用。
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
(但し、輸送時に剥離が発生しない事。)
(PEEL OFF SHOULD NOT BE ALLOWED,DURING TRANSPORTATION)

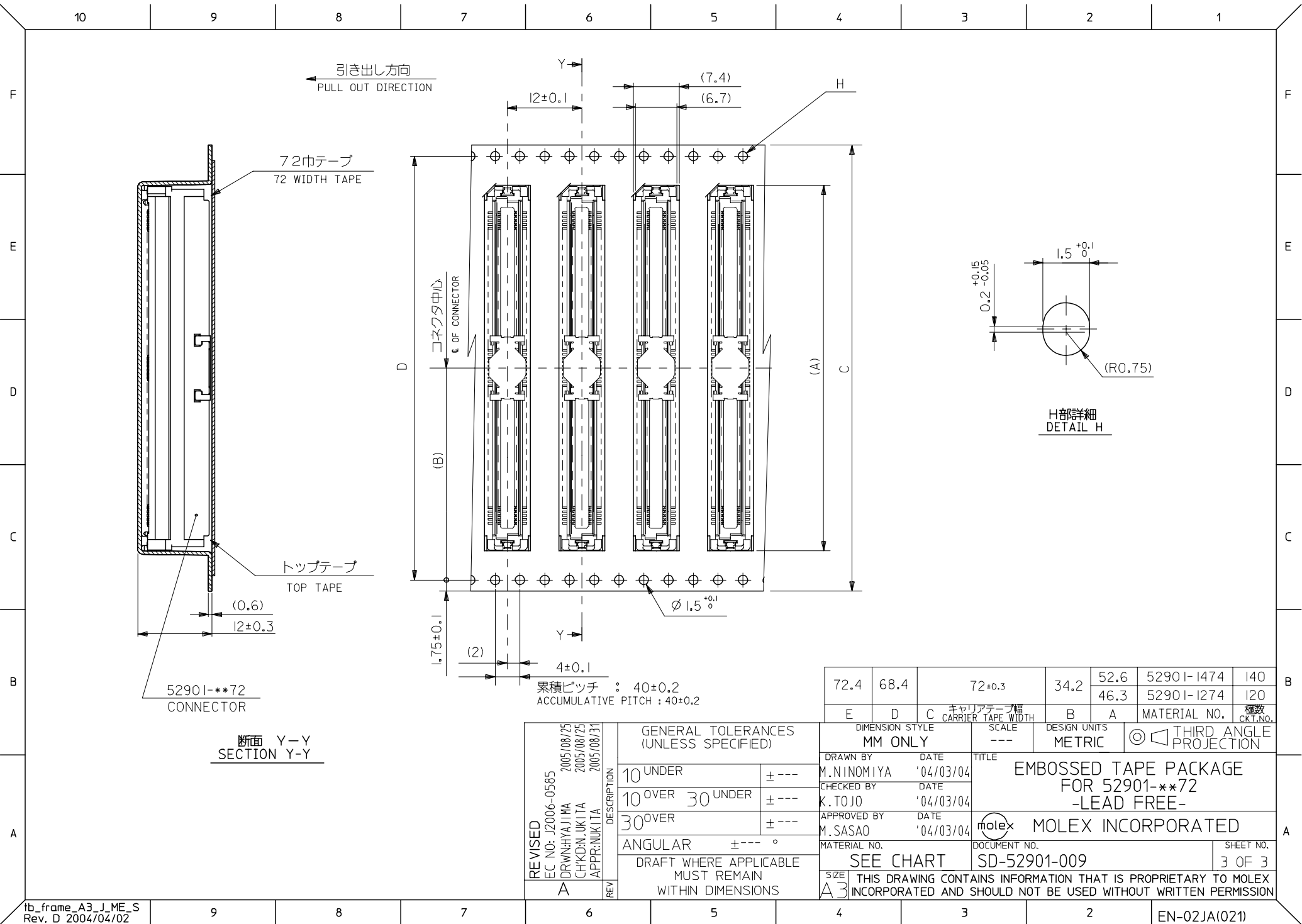


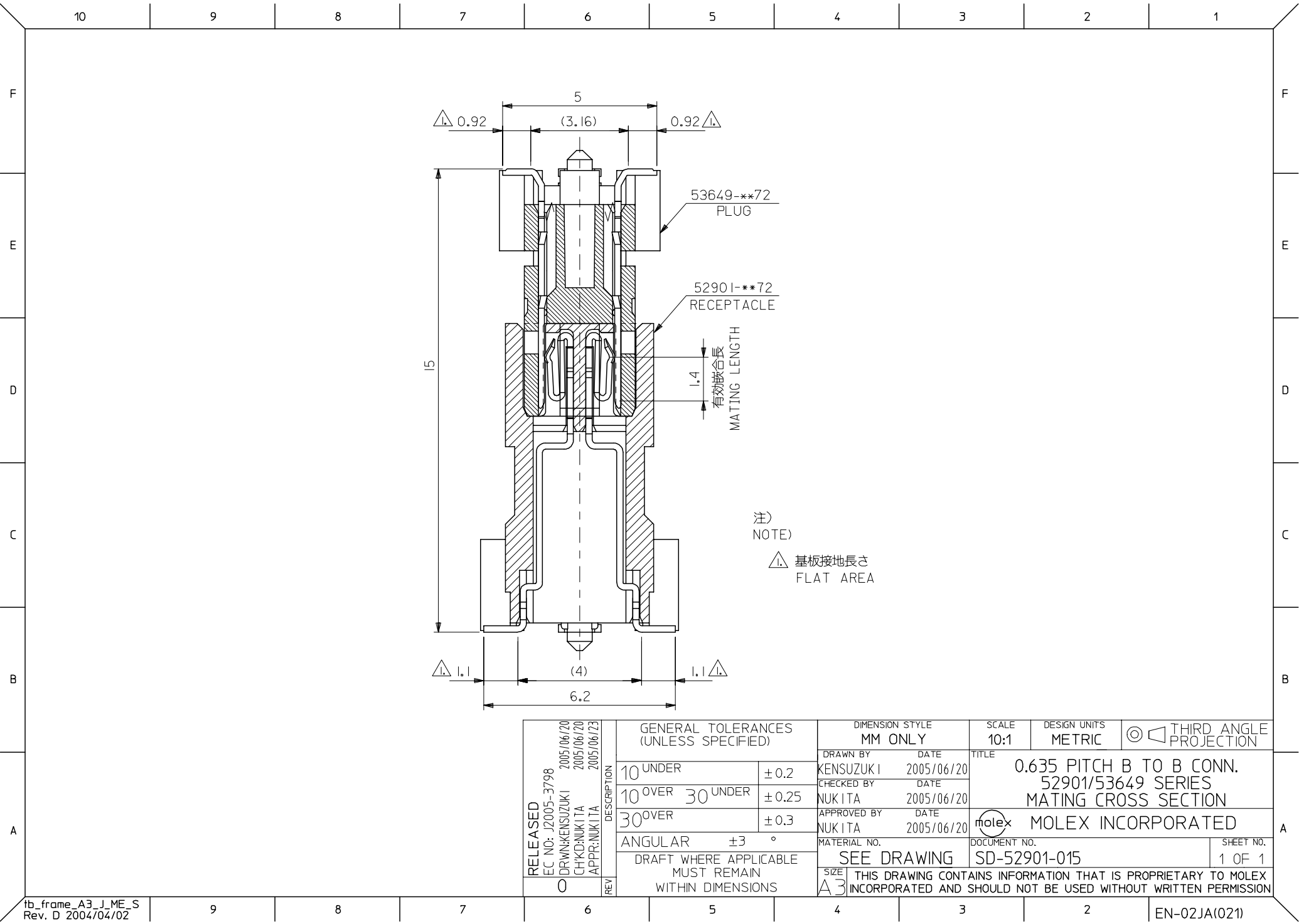
5. 材料
MATERIAL
キャリアテープ : ポリプロピレン (PP)
CARRIER TAPE : POLYPROPYLENE (PP)
トップテープ : PET, PE, PEF
TOP TAPE : PET, PE, PEF
リール : 紙
REEL : CARD BOARD
6. 本製品は 52901-***4 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52901-***4.

52901-***74
MODEL NO.

REVISED EC NO: J2006-0585 DRW:HYAJIMA 2005/08/25 CHKDN:UKITA 2005/08/25 APPR:NUKITA 2005/08/31	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M.NINOMIYA	DATE '04/03/04	TITLE EMBOSSD TAPE PACKAGE FOR 52901-**72 -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '04/03/04					
		30 OVER	± ---	APPROVED BY M.SASAO	DATE '04/03/04	MOLEX MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-52901-009			SHEET NO. 1 OF 3	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	REV	A								







注)
NOTE)
△ 基板接地長さ
FLAT AREA

RELEASED EC NO: J2005-3798 DRWN: KENSUZUKI CHKD: NUKITA APPR: NUKITA O	REV	DESCRIPTION 2005/06/20 2005/06/20 2005/06/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			10 UNDER	± 0.2	DRAWN BY KENSUZUKI	DATE 2005/06/20	TITLE 0.635 PITCH B TO B CONN. 52901/53649 SERIES MATING CROSS SECTION					
			10 OVER 30 UNDER	± 0.25	CHECKED BY NUKITA	DATE 2005/06/20						
			30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2005/06/20	MOLEX INCORPORATED					
			ANGULAR ±3 °		MATERIAL NO. SEE DRAWING		DOCUMENT NO. SD-52901-015		SHEET NO. 1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			SIZE A3									