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Part Number:

5017450801

Status:

Active

Overview:

slimstack_mm016_pitch

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board Plug, Surface Mount, Dual Row, Vertical, Lead-free, 80 Circuits

Documents:	
3D Model	Product Specification PS-51338-003 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	501745
Application	Board-to-Board
Comments	Solder Tab Plating: Tin
Overview	slimstack_mm016_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	80
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.079 In
Mated Height (mm)	2.00 mm
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Packaging Specification	SPK-501745-001
Product Specification	PS-51338-003, RPS-51338-029
Sales Drawing	SD-501745-001, SD-501745-002

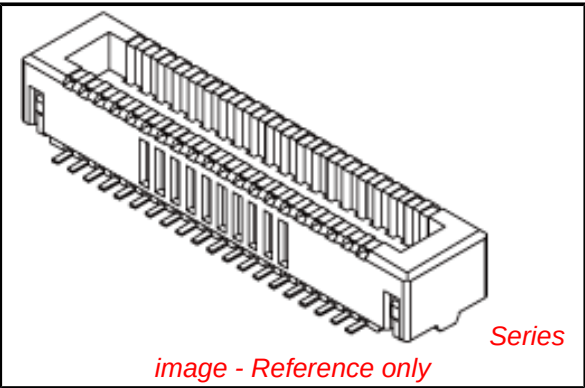


image - Reference only

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

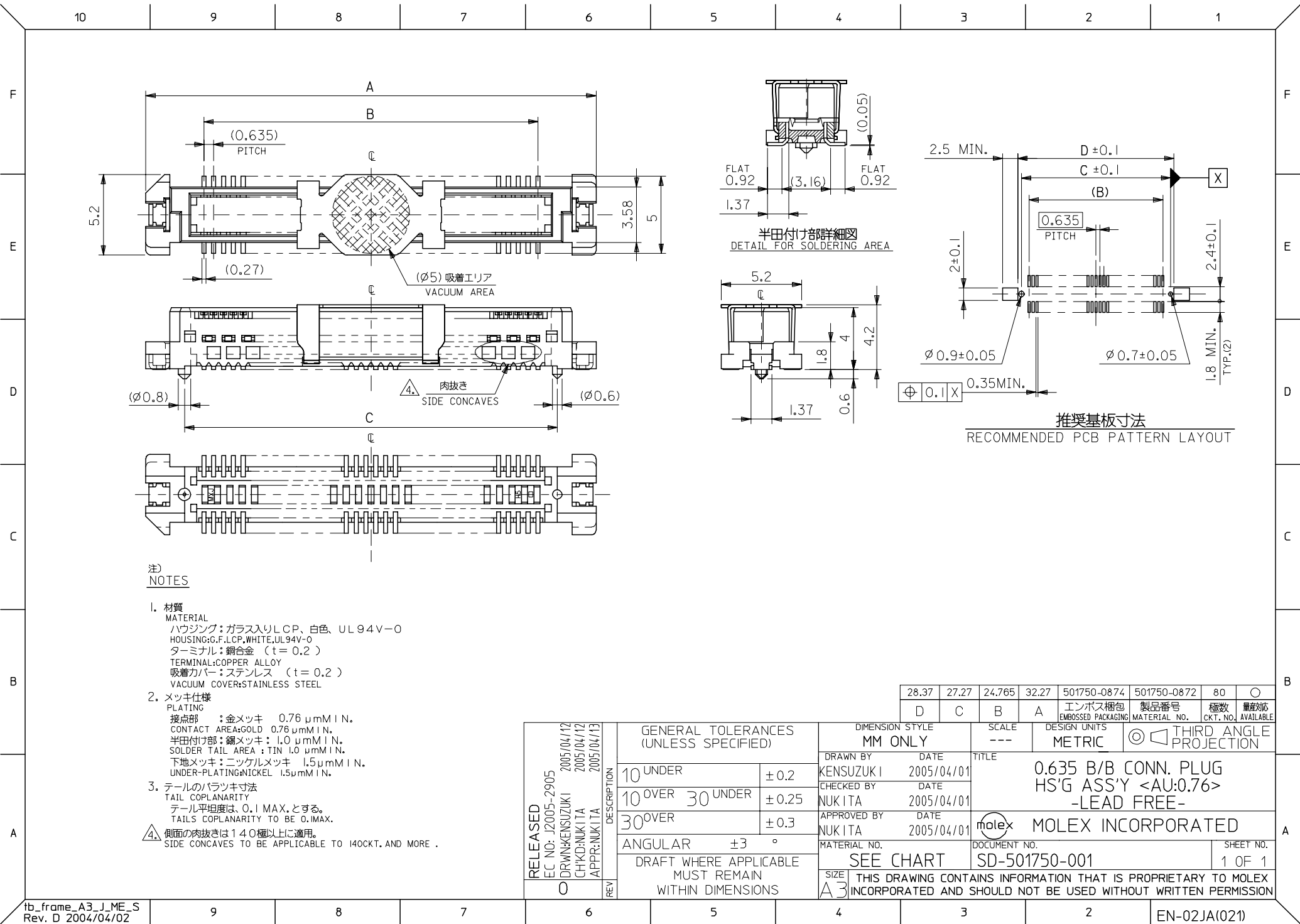
501745Series

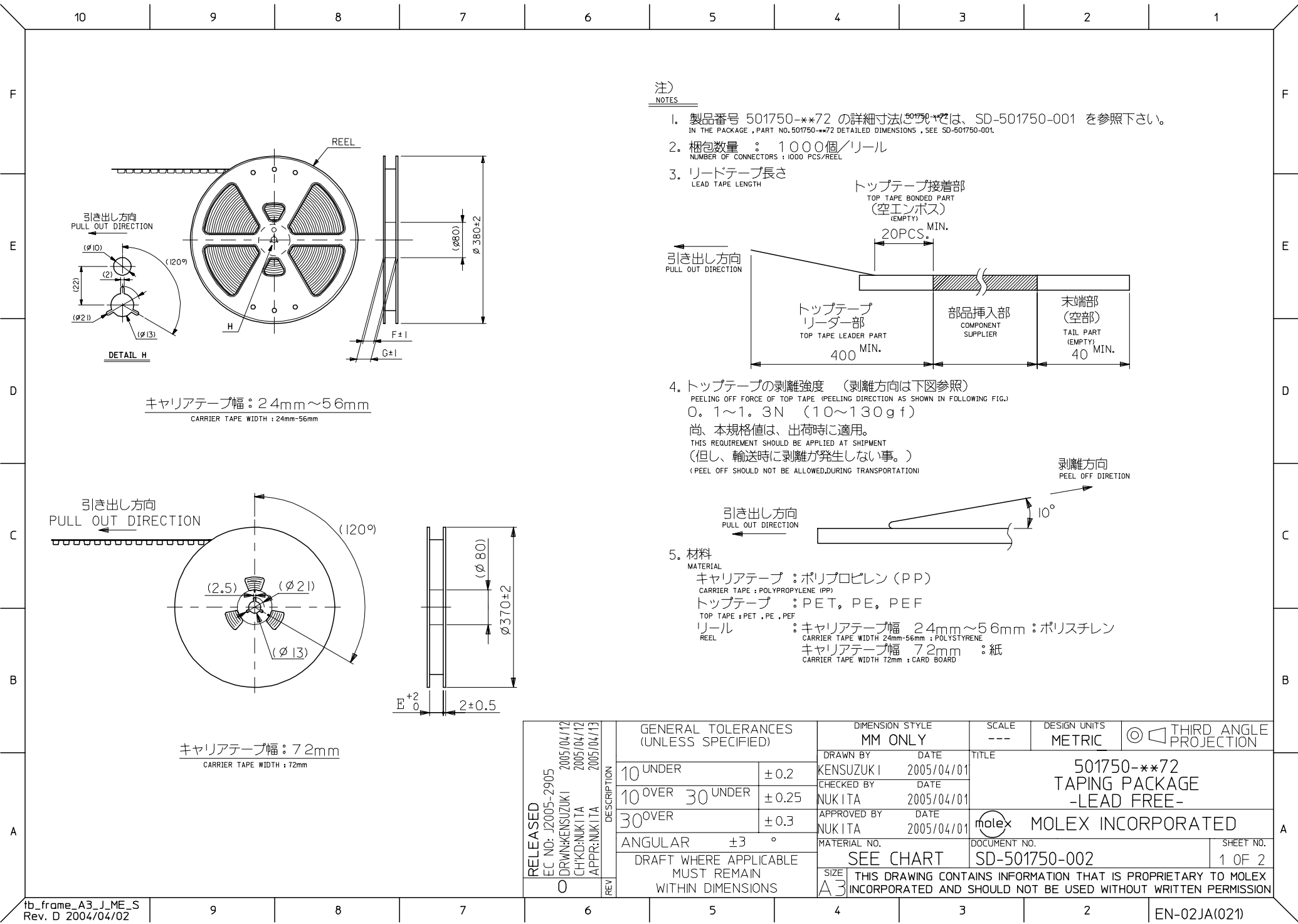
Mates With

51338 PCB Receptacle

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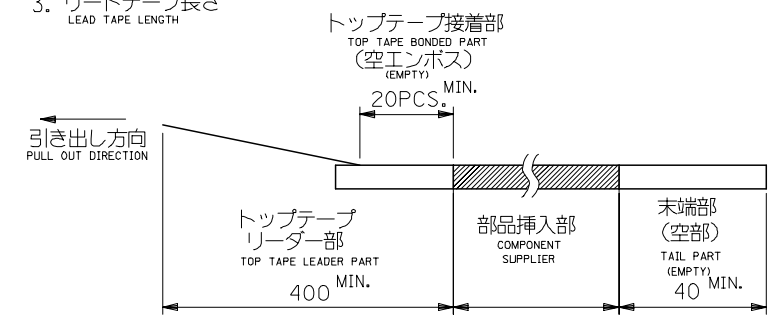
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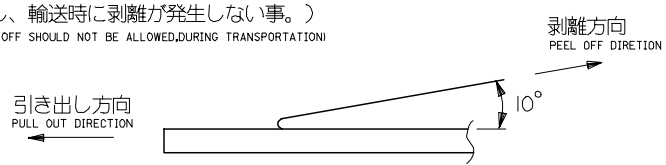


注)
NOTES

- 製品番号 501750-**72 の詳細寸法は、SD-501750-001 を参照下さい。
IN THE PACKAGE, PART NO. 501750-**72 DETAILED DIMENSIONS, SEE SD-501750-001.
- 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

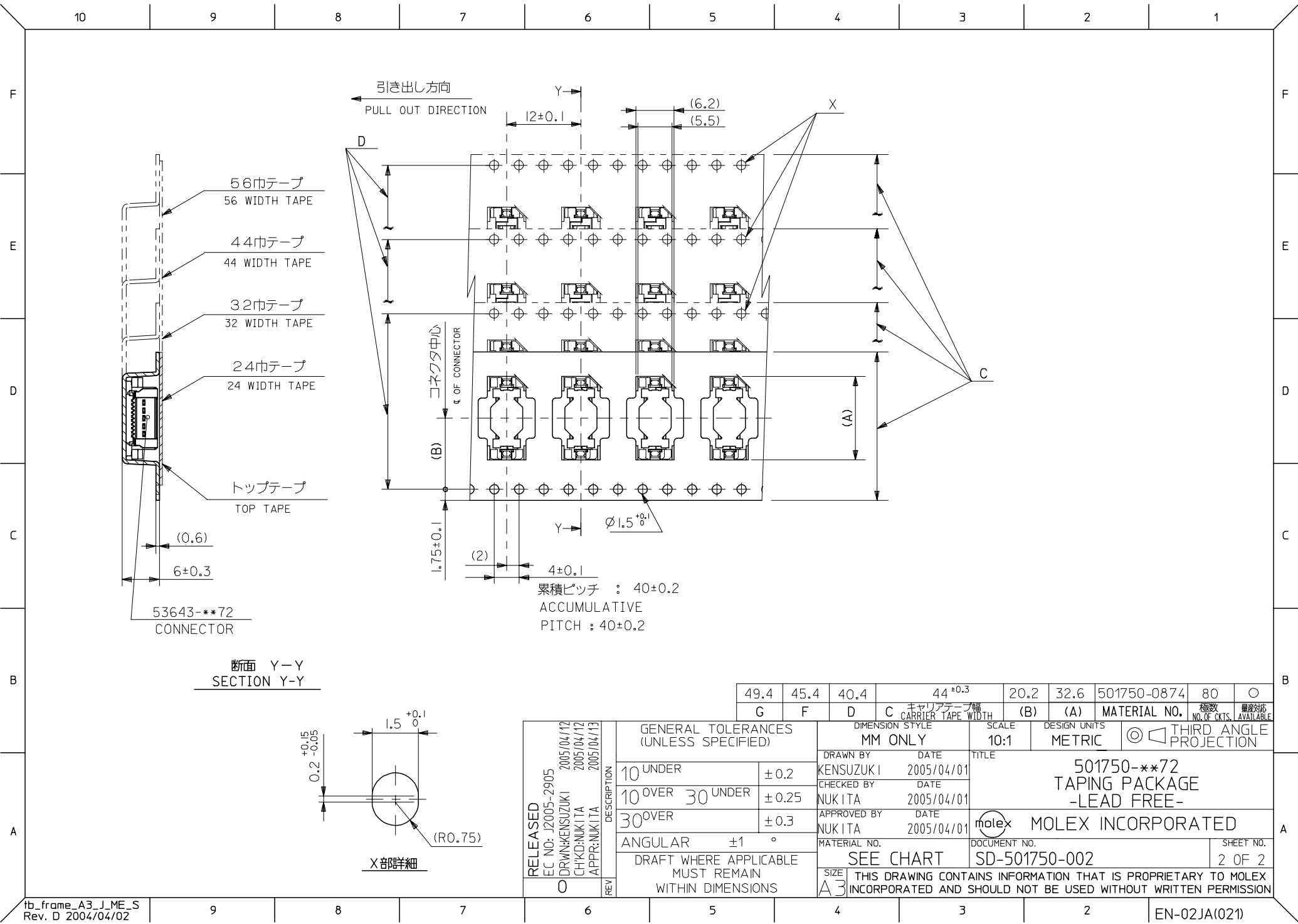


- トップテープの剥離強度 (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
0.1~1.3N (10~130gf)
尚、本規格値は、出荷時に適用。
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
(但し、輸送時に剥離が発生しない事。)
(PEEL OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION)

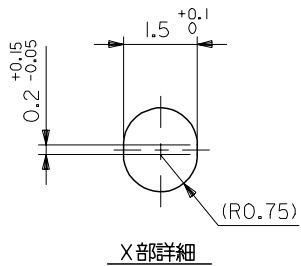


- 材料
MATERIAL
キャリアテープ : ポリプロピレン (PP)
CARRIER TAPE: POLYPROPYLENE (PP)
トップテープ : PET, PE, PEF
TOP TAPE: PET, PE, PEF
リール
REEL
キャリアテープ幅 24mm~56mm : ポリスチレン
CARRIER TAPE WIDTH 24mm~56mm: POLYSTYRENE
キャリアテープ幅 72mm : 紙
CARRIER TAPE WIDTH 72mm: CARD BOARD

RELEASED EC NO: J2005-2905 DRAWN: KENSUZUKI CHKD: NUKITA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		---	METRIC		
		10 UNDER	± 0.2	DRAWN BY KENSUZUKI	DATE 2005/04/01	TITLE 501750-**72 TAPING PACKAGE -LEAD FREE-			
		10 OVER 30 UNDER	± 0.25	CHECKED BY NUKITA	DATE 2005/04/01				
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2005/04/01	MOLEX MOLEX INCORPORATED			
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501750-002		1 OF 2		
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



断面 Y-Y
SECTION Y-Y



49.4	45.4	40.4	44 ^{+0.3}	20.2	32.6	501750-0874	80	○
G	F	D	C キャリアテープ幅 C CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO.	極数 NO. OF CXTS.	製造地 AVAILABLE

RELEASED EC NO: J2005-2905 DRWN: KENSUZUKI CHKD: NUKITA APPR: NUKITA 0	2005/04/12 2005/04/12 2005/04/13	DESCRIPTION REV	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 2005/04/01	TITLE 501750-**72 TAPING PACKAGE -LEAD FREE-			
			10 OVER 30 UNDER	± 0.25	CHECKED BY NUKITA	DATE 2005/04/01				
			30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2005/04/01	molex MOLEX INCORPORATED			
			ANGULAR ±1 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501750-002			2 OF 2
SIZE A3							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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