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Part Number:

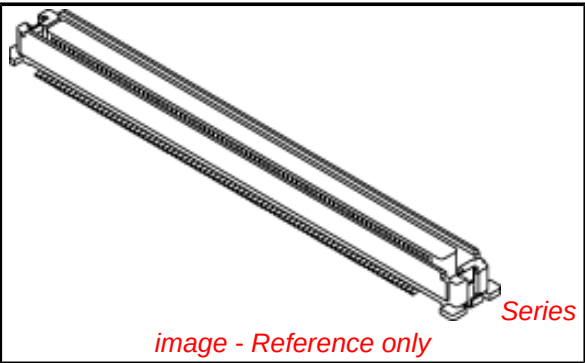
0528850574

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, 50 Circuits, Lead-free



Documents:	
3D Model	Product Specification PS-52760-015 (PDF)
Drawing (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)	50
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
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
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

Not Reviewed

Halogen-Free

Status

Halogen-Free

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

52885Series

Mates With

55091 , 53649 , 53643 , 53475 , 53627 , 53553 , 5 3552, 53647 , 53551 , 53481 , 53625

Product Specification

Sales Drawing

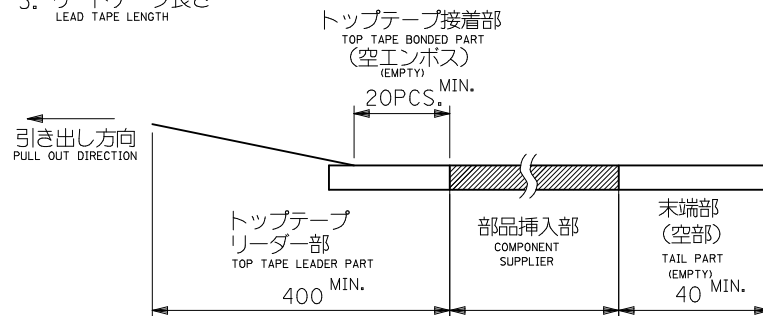
PS-52760-015, RPS-52760-017, RPS-52760-018,
RPS-52760-020, RPS-52760-021, RPS-52760-029,
RPS-52885-007, RPS-52885-008, RPS-52885-009
SD-52885-003, SD-52885-004

This document was generated on 04/15/2010

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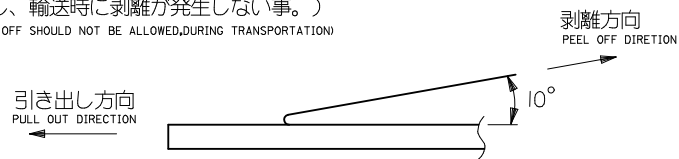
注)
NOTES

- 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

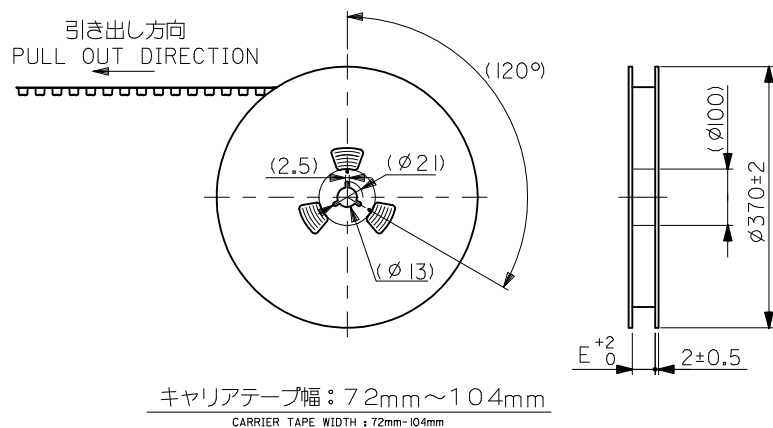
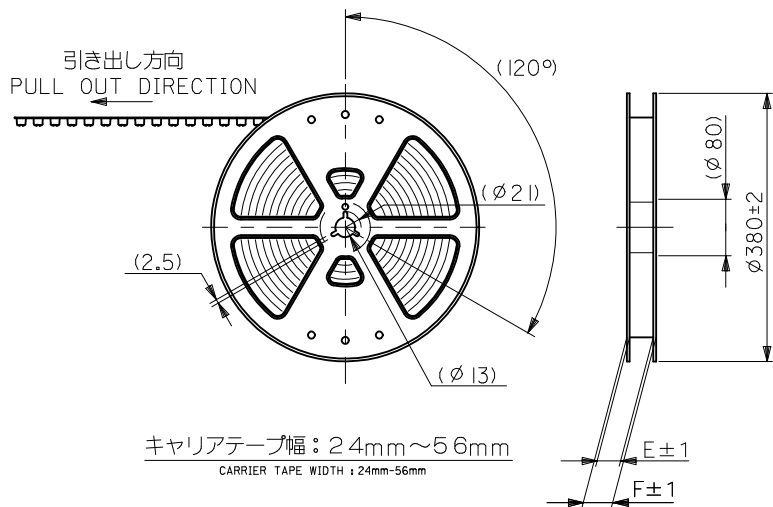


- トップテープの剥離強度 (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
0.1~0.3N {10~130gf}

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 : キャリアテープ幅 24mm~56mm : ポリスチレン
REEL : 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		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		CONNECTOR SERIES No.		52885-**72	
EC NO: J2010-2458		2010/06/04		10 UNDER		MM ONLY		SCALE		DESIGN UNITS	
DRWN:TKA/HO		2010/06/10		± ---		DRAWN BY		---		METRIC	
CHKD:K.T.OJO		2010/06/10		10 OVER 30 UNDER		DATE		TITLE		THIRD ANGLE PROJECTION	
APPR:MSASAO		2010/06/11		± ---		CHECKED BY		52885-**72		TAPING PACKAGE	
				ANGULAR ± --- °		DATE		-LEAD FREE-		MOLEX INCORPORATED	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY		DOCUMENT NO.		SD-52885-004	
						MATERIAL NO.		SHEET NO.		1 OF 3	
						SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						SIZE A3					

F

E

D

C

B

A

F

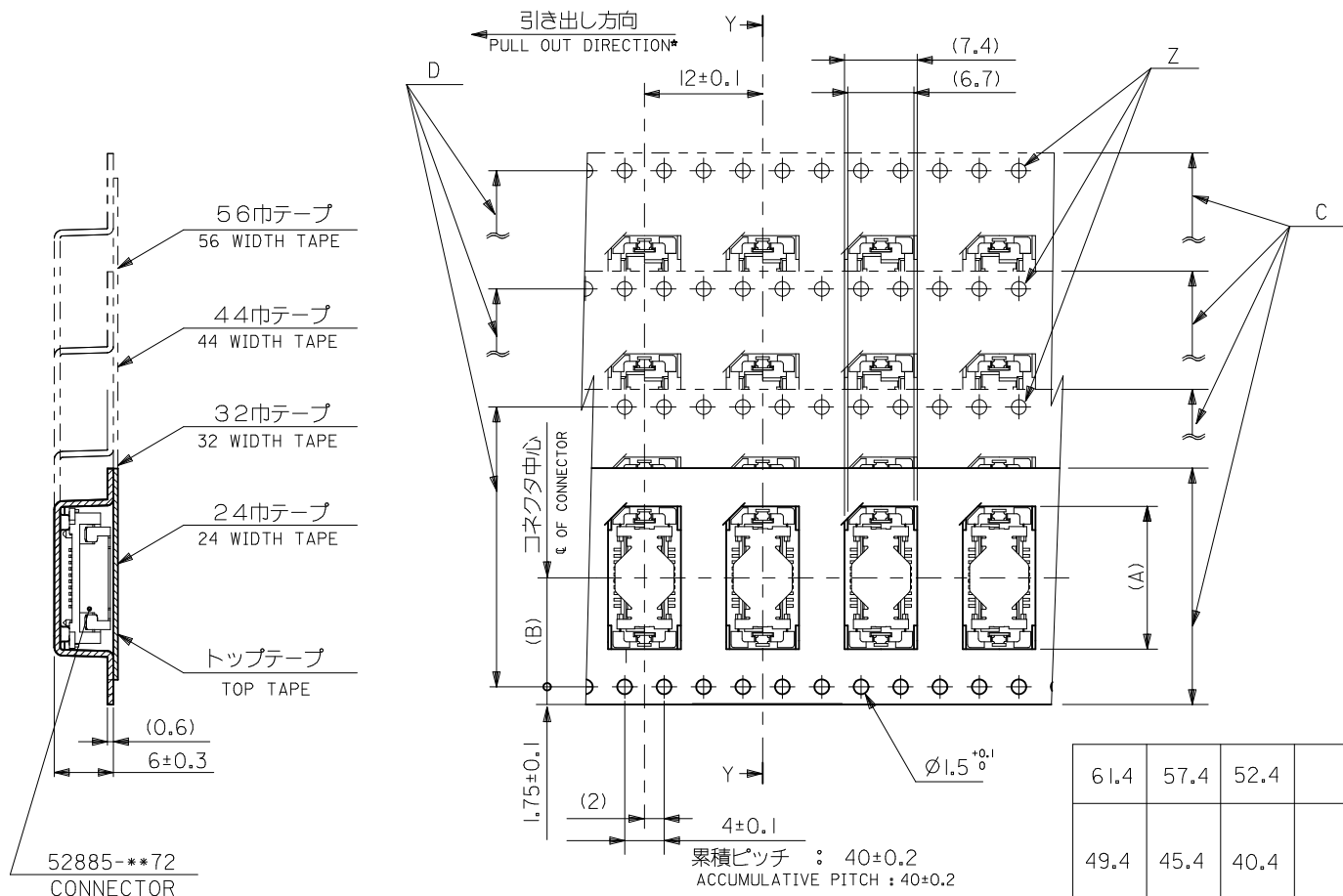
E

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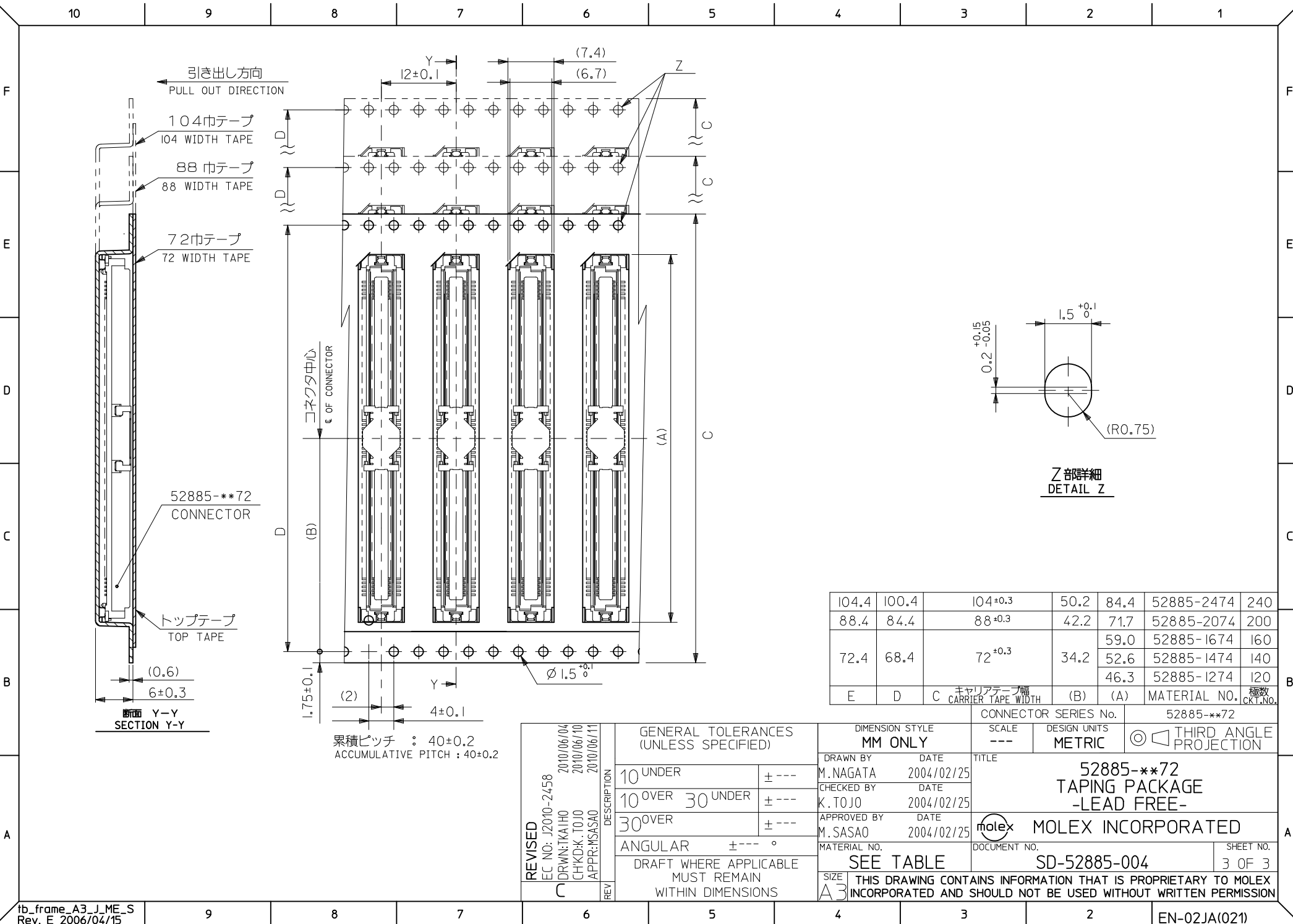


断面 Y-Y
SECTION Y-Y

Z部詳細
DETAIL Z

61.4	57.4	52.4	56 ^{+0.3}	26.2	39.9	52885-1074	100
					36.8	-0974	90
49.4	45.4	40.4	44 ^{+0.3}	20.2	33.6	-0874	80
					30.4	-0774	70
					27.2	-0674	60
					24.1	-0574	50
37.4	33.4	28.4	32 ^{+0.3}	14.2	20.9	-0474	40
					17.7	-0374	30
29.4	25.4	—	24 ^{+0.3}	11.5	14.5	52885-0274	20
F	E	D	C	キャリアテープ幅 CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO. 極致 CKT.NO.

REVISED EC NO.: J2010-2458 DRWN.:TKA/HO CHKD:K. TOJO APPR:MSASAO C	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		---	METRIC			
		10 UNDER ± ---		DRAWN BY DATE		TITLE 52885-**72 TAPING PACKAGE -LEAD FREE-				
		10 OVER 30 UNDER ± ---		M. NAGATA 2004/02/25						
		30 OVER ± ---		CHECKED BY DATE						
		K. TOJO 2004/02/25								
	ANGULAR ± --- °		APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		M. SASAO 2004/02/25								
REV			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			SEE TABLE		SD-52885-004		2 OF 3			
		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



104.4	100.4	104±0.3	50.2	84.4	52885-2474	240
88.4	84.4	88±0.3	42.2	71.7	52885-2074	200
72.4	68.4	72±0.3	34.2	59.0	52885-1674	160
				52.6	52885-1474	140
				46.3	52885-1274	120
E	D	C	キャリアテープ幅 CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO. 種数 CKT.No.

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