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Part Number:

0554501159

Status:

Active

Description:

1.25mm (.049") Pitch Mi II™ System Wire-to-Board Header, SMT, Single Row, Vertical, 11 Circuits, With Plastic Peg, Lead-free

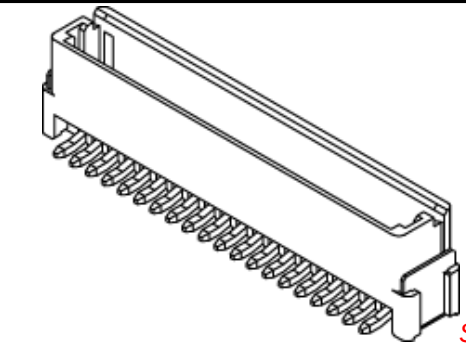


image - Reference only

Series

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-54596-022 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55450
Application	Wire-to-Board
Product Name	Mini Mi II™

Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.331 In
Mated Height (mm)	8.40 mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Product Specification	PS-54596-022, RPS-54596-025, RPS-54596-026
Sales Drawing	SD-55450-010, SD-55450-011

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

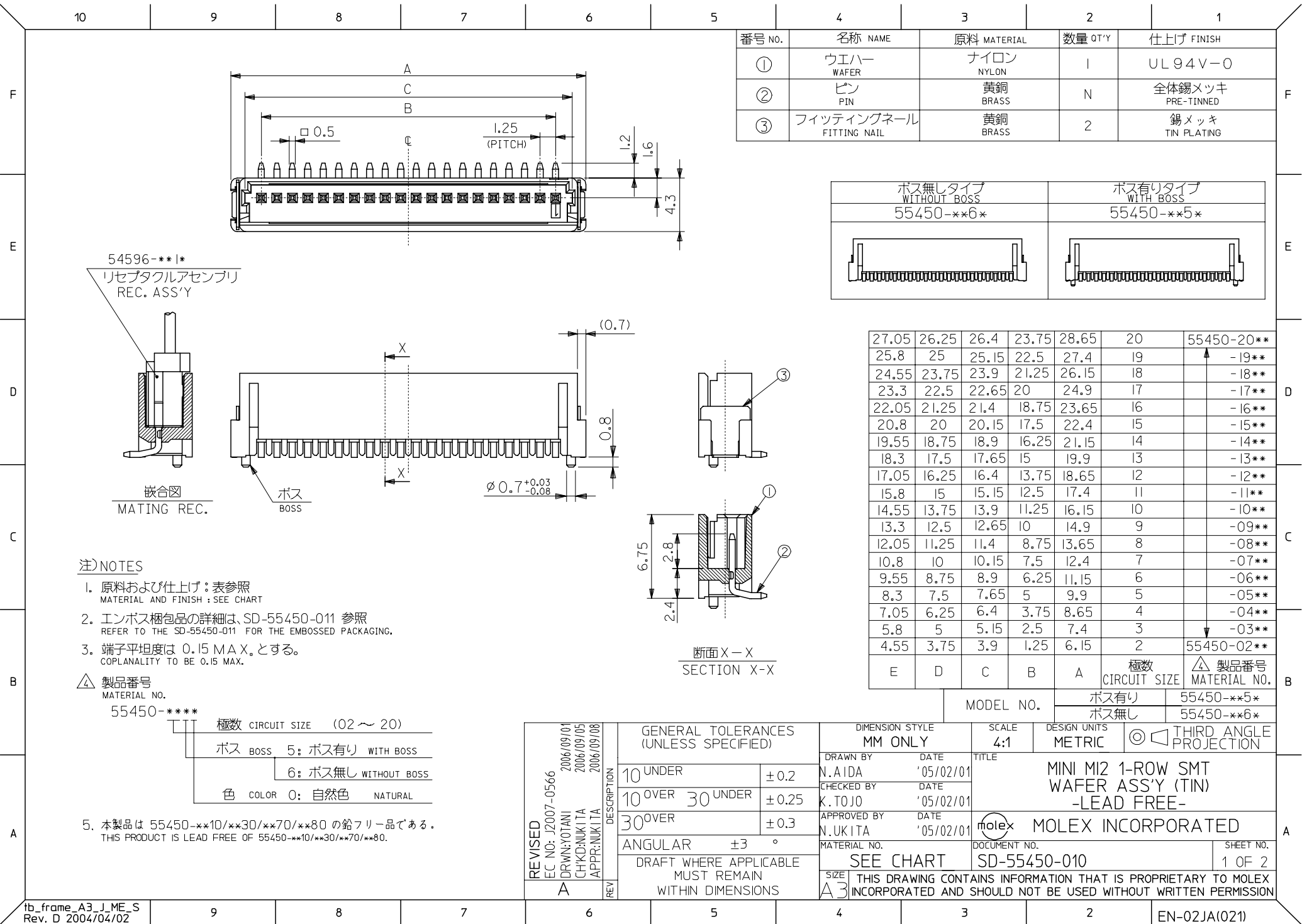
Please visit the [Contact Us](#) section for any
non-product compliance questions.

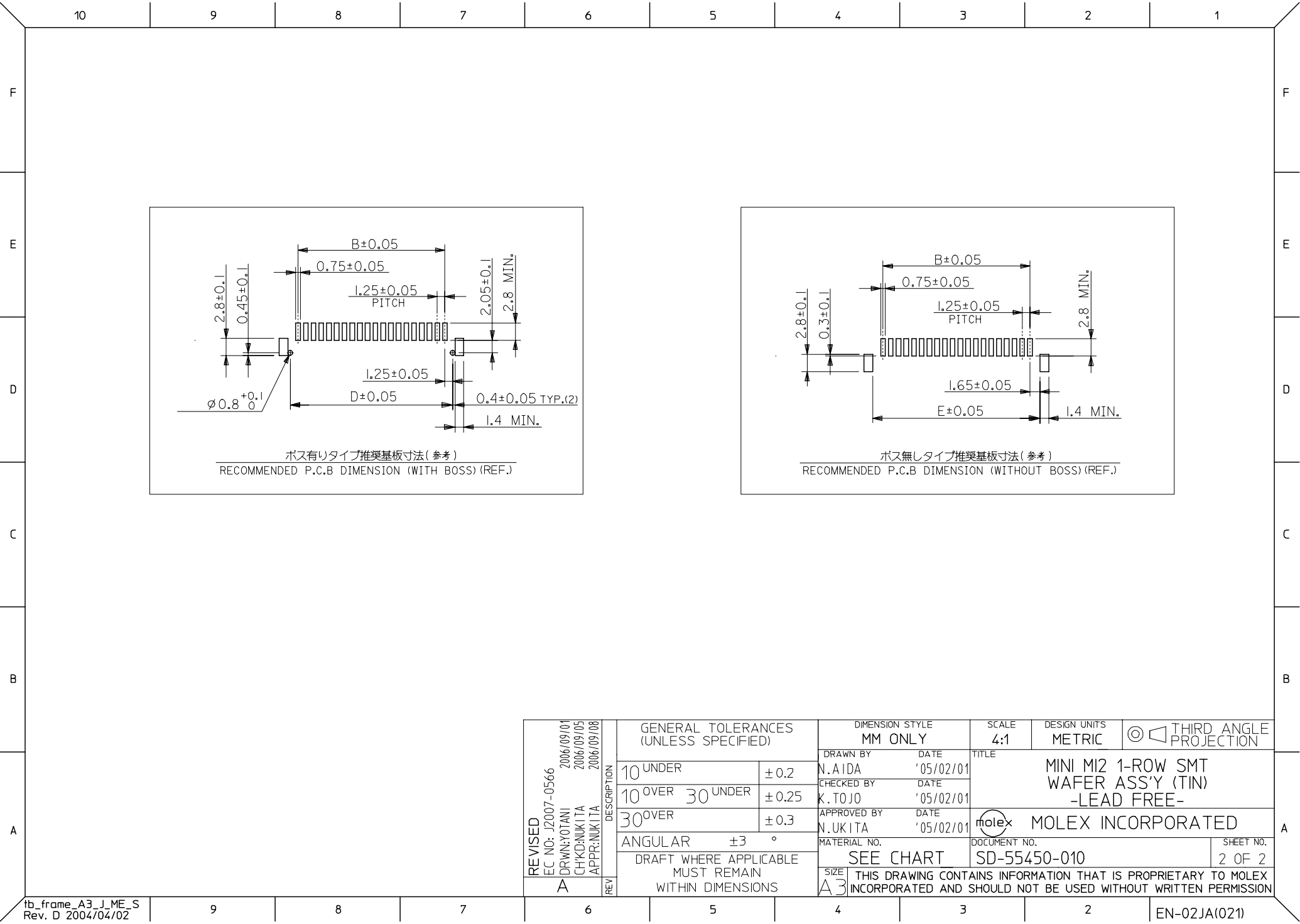
Search Parts in this Series
55450Series

Mates With
54596 IDT Receptacle Housing

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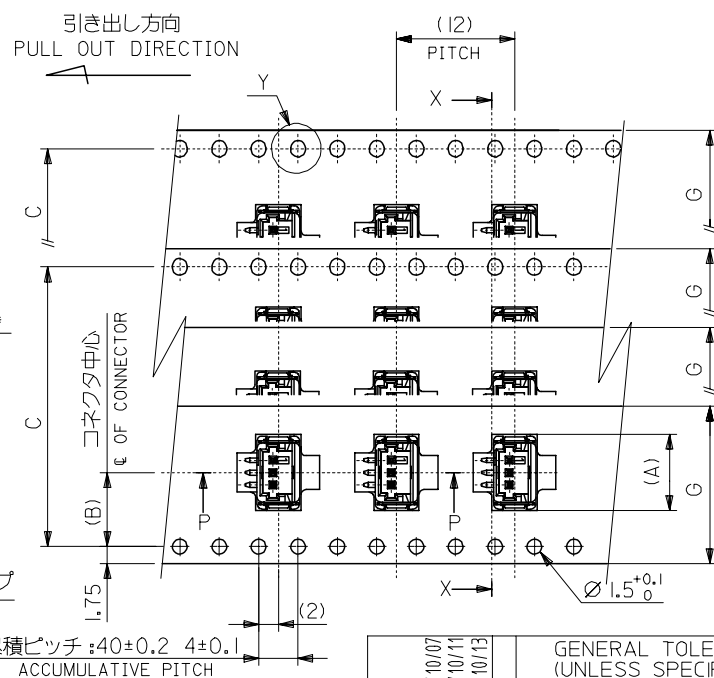
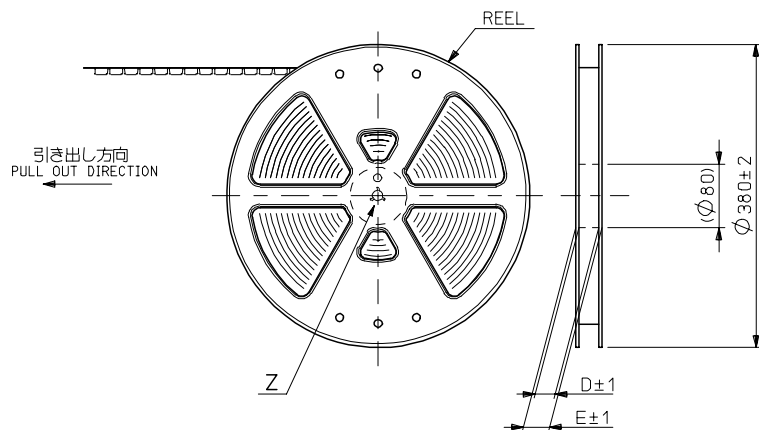
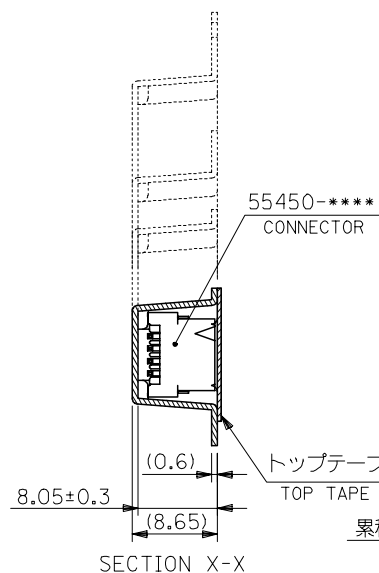
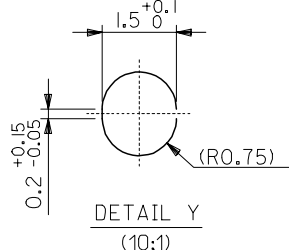
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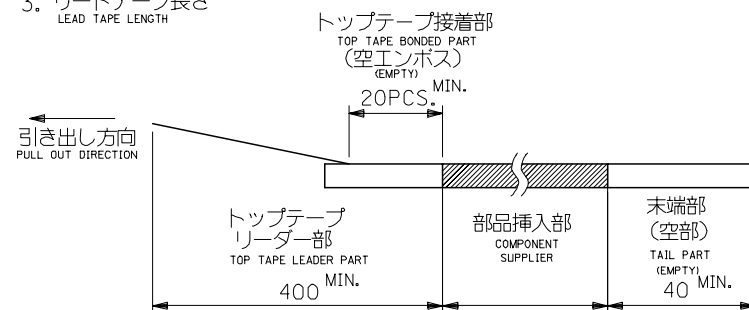
REVISED EC NO: J2007-0566 DRWN:TOTANI CHKD:NUKITA APPR:NUKITA	DESCRIPTION A	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY N.AIDA	DATE '05/02/01	TITLE MINI M12 1-ROW SMT WAFER ASS'Y (TIN) -LEAD FREE-		
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOJO	DATE '05/02/01			
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE '05/02/01			
		ANGULAR ±3 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55450-010			2 OF 2
REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

DETAIL Z



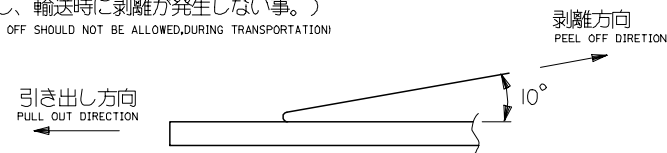
注)
NOTES

1. 製品番号 55450-**** の詳細寸法については、SD-55450-010を参照下さい。
IN THE PACKAGE, PART NO. 55450-**** DETAILED DIMENSIONS, SEE SD-55450-010.
2. 梱包数量 : 880個/リール
NUMBER OF CONNECTORS : 880 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.)
0.1~1.3N (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)



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 : ポリスチレン
REEL : POLYSTYRENE

- △6. テープ巾32, 44mmに適応。
THIS DIMENSION SHOULD BE APPLIED AT TAPE WIDTH OF 32, 44mm

7. 本製品は 55450-xx19/xx39/xx79/xx89 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55450-xx19/xx39/xx79/xx89.

REVISED	EC NO: J2006-1116 DRAWN:SUZUKI CHK:KATOYODA APPR:NUKITA	2005/10/07 2005/10/11 2005/10/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
				10 UNDER	± ---	DRAWN BY N. AIDA	DATE '05/02/01	TITLE EMBOSSED TAPE PACKAGE FOR 55450-**** -LEAD FREE-  MOLEX INCORPORATED			
				10 OVER 30 UNDER	± ---	CHECKED BY K. TOJO	DATE '05/02/01				
				30 OVER	± ---	APPROVED BY N. UKITA	DATE '05/02/01				
				ANGULAR ± --- °		MATERIAL NO.					
A	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART SD-55450-011		1 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

[illegible]

