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Part Number: [0557633070](#)
Status: **Active**
Overview: [microclasp](#)
Description: 2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Surface Mount, Dual Row, Vertical, Lead-free, 30 Circuits

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

[Product Specification PS-51242-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55763
Application	Wire-to-Board
Overview	microclasp
Product Name	MicroClasp™

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
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
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.177 In
PC Tail Length (mm)	4.50 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

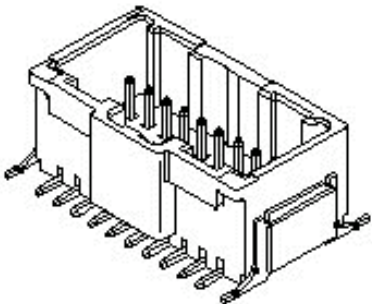
Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55763-001
Product Specification	PS-51242-002, RPS-51242-004
Sales Drawing	SD-55763-006, SD-55763-007



Series

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?**

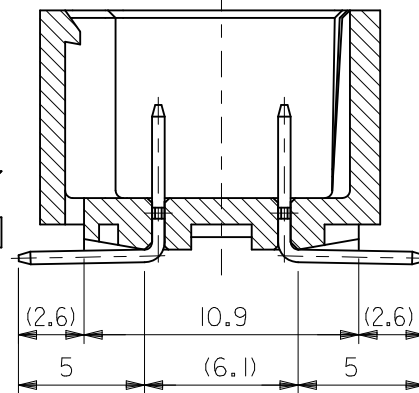
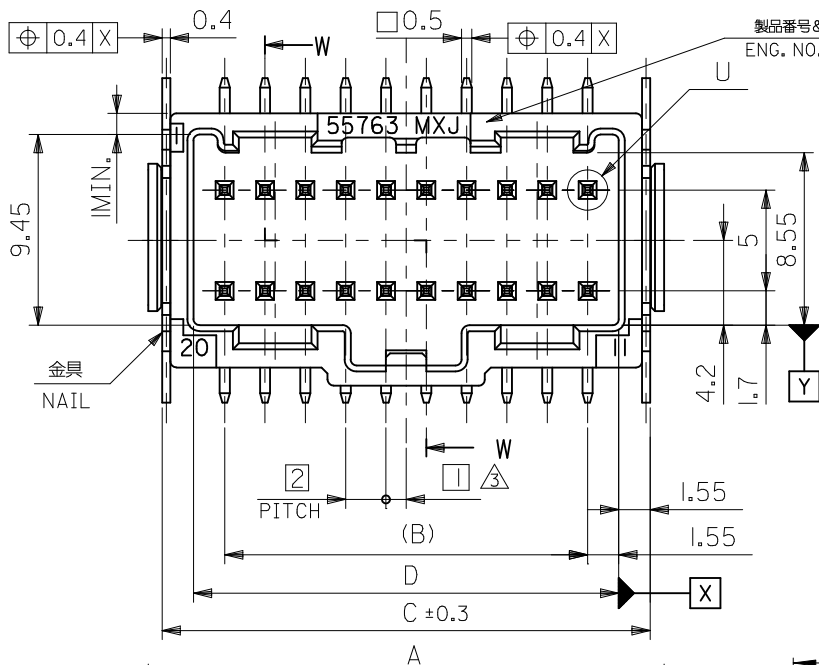
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

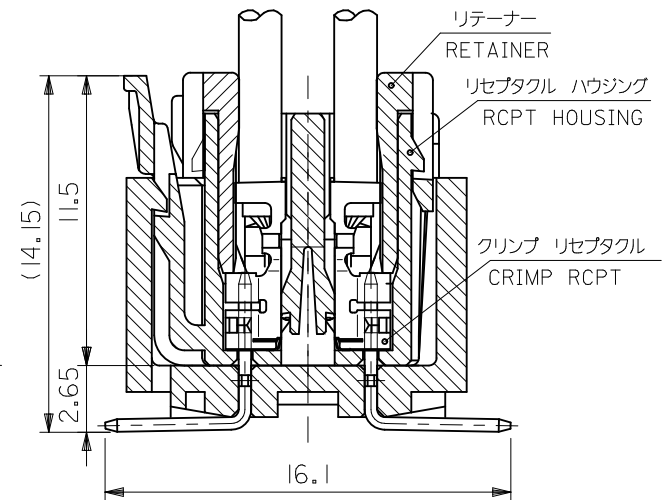
Search Parts in this Series
[55763Series](#)

Mates With
[51242](#) MicroClasp™ Wire-to-Board
Receptacle Housing

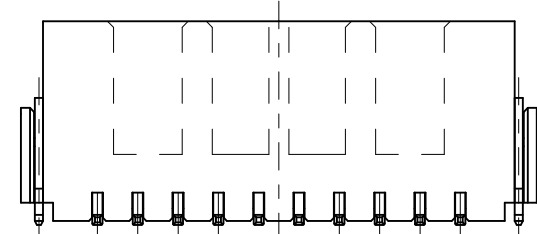
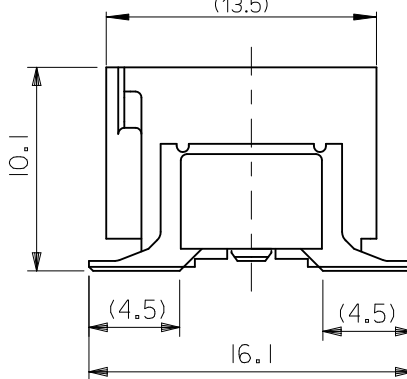
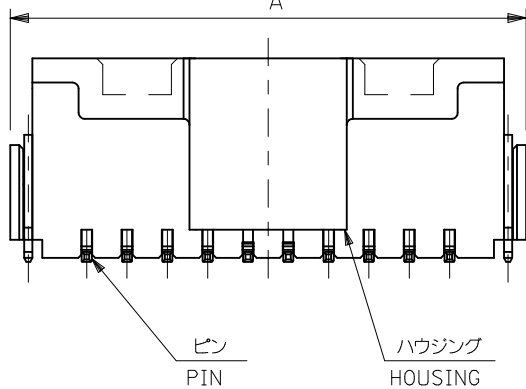
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SECTION W-W
SCALE 5:1

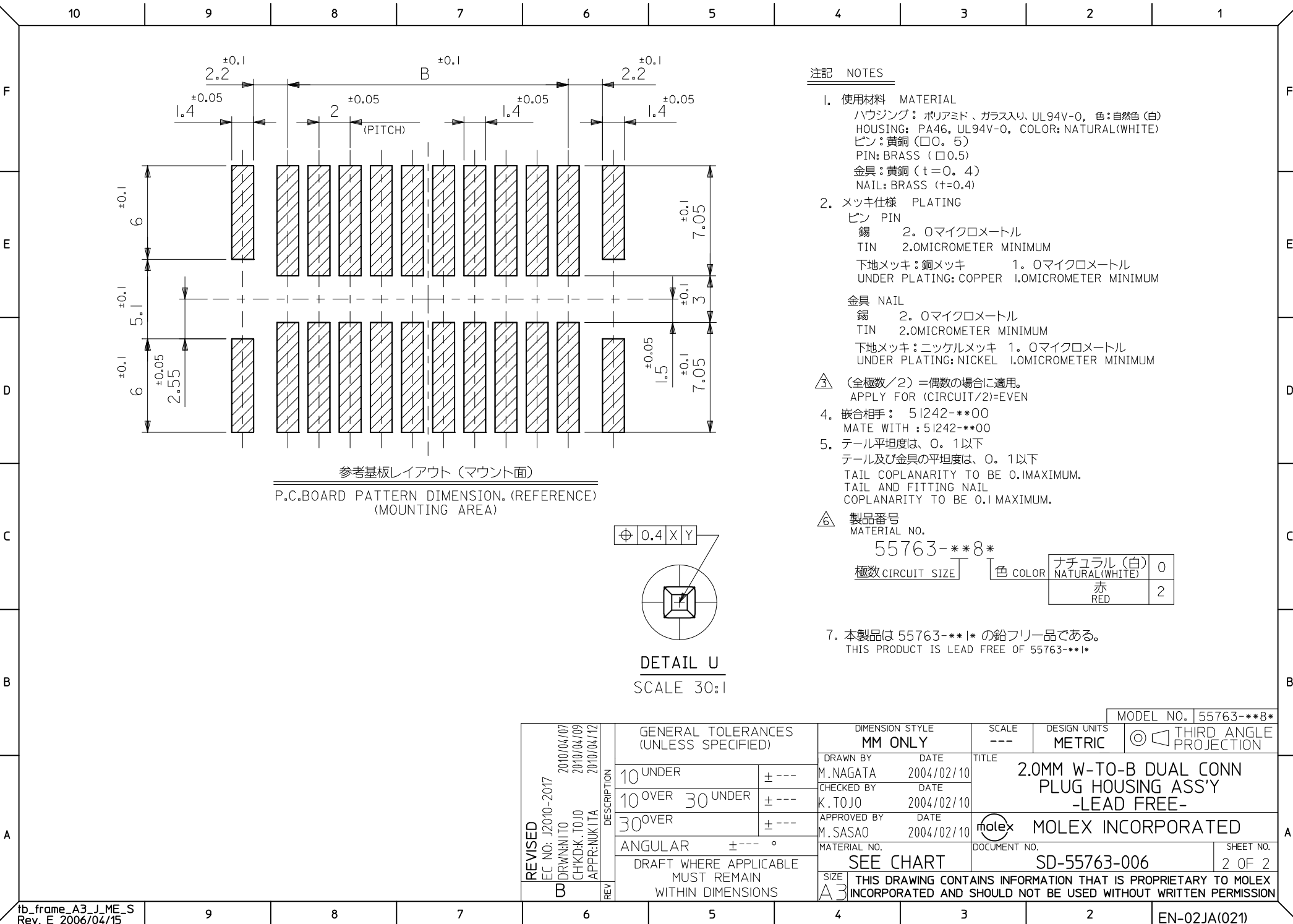


ターミナル及びリテーナー装着状態図
TERMINAL & RETAINER
ASSEMBLY DRAWING
SCALE 5:1



41.1	44.2	38	45.6	55763-408*	40
31.1	34.2	28	35.6	55763-308*	30
21.1	24.2	18	25.6	55763-208*	20
D	C	B	A	△ MATERIAL NO.	CKT.
MODEL NO. 55763-***8*					

REVISED EC NO: J2010-2017 DRWNNITO CHKDK: TOJO APPR: NUKITA	2010/04/07 2010/04/09 2010/04/12	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			10 UNDER	± 0.2	DRAWN BY M. NAGATA	DATE 2004/02/10	TITLE 2.0MM W-TO-B DUAL CONN PLUG HOUSING ASS'Y -LEAD FREE-				
			10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/10					
			30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/10	 MOLEX INCORPORATED				
			ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					SD-55763-006	
B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



注記 NOTES

1. 使用材料 MATERIAL
ハウジング：ポリアミド、ガラス入り、UL94V-0、色：自然色（白）
HOUSING：PA46、UL94V-0、COLOR：NATURAL（WHITE）
ピン：黄銅（ $\square 0.5$ ）
PIN：BRASS（ $\square 0.5$ ）
金具：黄銅（ $t=0.4$ ）
NAIL：BRASS（ $t=0.4$ ）
2. メッキ仕様 PLATING
ピン PIN
錫 2.0マイクロメートル
TIN 2.0MICROMETER MINIMUM
下地メッキ：銅メッキ 1.0マイクロメートル
UNDER PLATING：COPPER 1.0MICROMETER MINIMUM
- 金具 NAIL
錫 2.0マイクロメートル
TIN 2.0MICROMETER MINIMUM
下地メッキ：ニッケルメッキ 1.0マイクロメートル
UNDER PLATING：NICKEL 1.0MICROMETER MINIMUM

- △（全極数/2）=偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN
4. 嵌合相手： 51242-***00
MATE WITH：51242-***00
5. テール平坦度は、0.1以下
テール及び金具の平坦度は、0.1以下
TAIL COPLANARITY TO BE 0.1MAXIMUM.
TAIL AND FITTING NAIL
COPLANARITY TO BE 0.1 MAXIMUM.

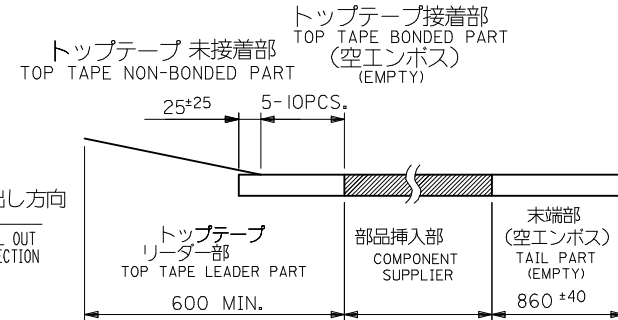
△製品番号 MATERIAL NO.	55763-***8*
極数 CIRCUIT SIZE	色 COLOR
	ナチュラル（白） NATURAL（WHITE）
	赤 RED

7. 本製品は 55763-*** の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55763-***

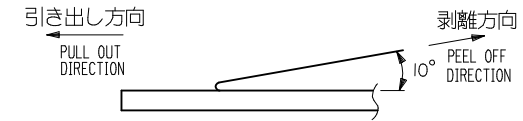
REVISED EC NO: J2010-2017 DRWN: NITO CHKD: K. TOJO APPR: NUKITA REV	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M. NAGATA	DATE 2004/02/10	TITLE 2.0MM W-TO-B DUAL CONN PLUG HOUSING ASS'Y -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K. TOJO	DATE 2004/02/10					
		30 OVER	± ---	APPROVED BY M. SASAO	DATE 2004/02/10	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55763-006		2 OF 2		
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- NOTES 1. 梱包数量：300個／リール
NUMBER OF CONNECTORS : 300PCS/REEL
2. リードテープ長さ
LEAD TAPE LENGTH



3. トップテープの剥離強度：0.1N ～ 1.3N {10 ～ 130gf}
<剥離速度：300mm/min (参考)> (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE : 0.1N ～ 1.3N {10 ～ 130gf}
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
PEELING OFF SPEED : 300mm/min. (REF.)



4. 材料 キャリアテープ：ポリプロピレン (PP)
トップテープ：PET、PE、PEF
リール：ポリスチレン (PS) <リサイクル材を含む>

MATERIAL CARRIER TAPE : POLYPROPYLENE
TOP TAPE : PET, PE, PEF
REEL : POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

5. 欠損無きこと。
THERE MUST NOT BE LOSS.

△ 製品番号
MATERIAL NO.

55763-***7*

極数 CIRCUIT SIZE

色 COLOR

ナチュラル (白) NATURAL (WHITE)	0
赤 RED	2

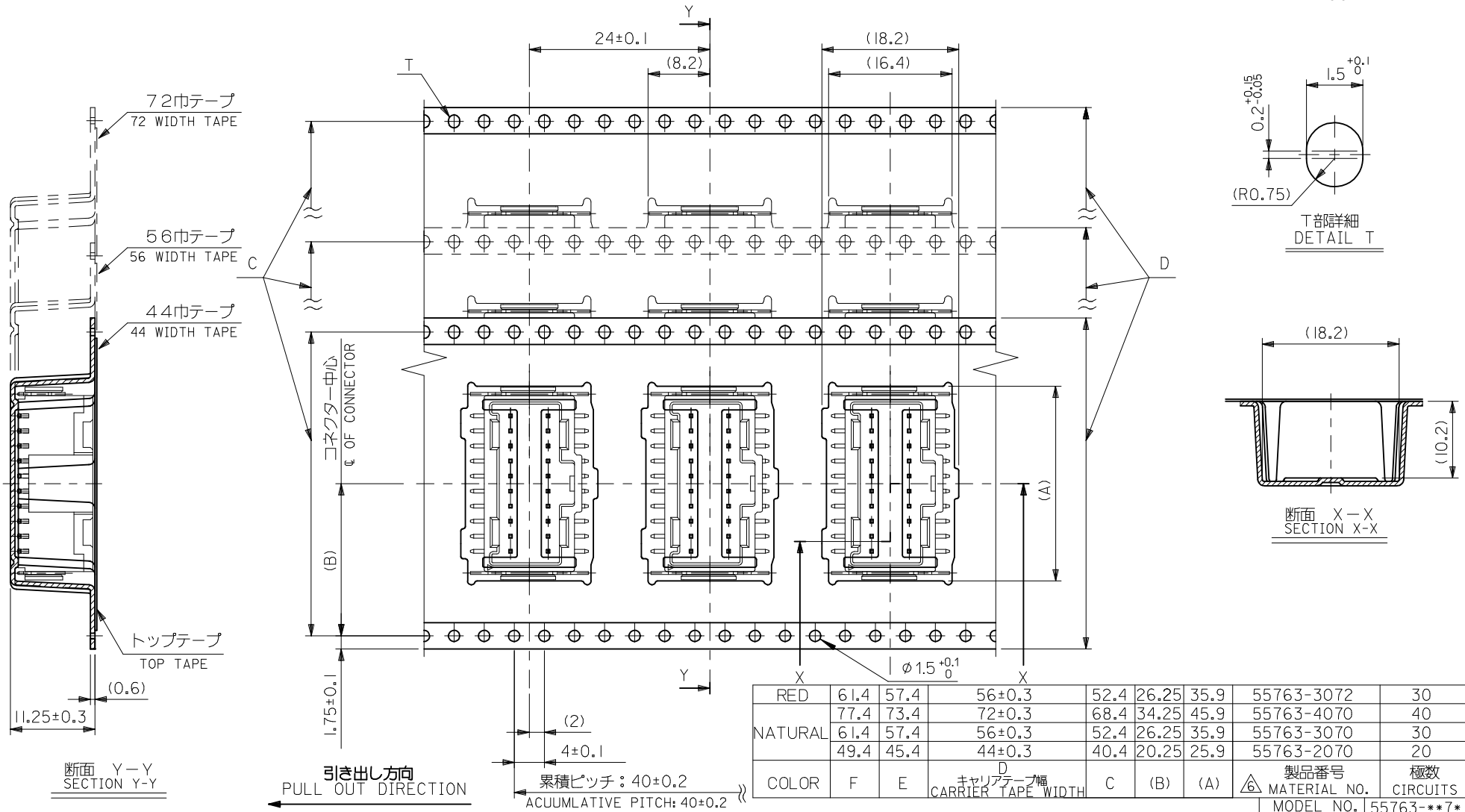
7. 本製品は 55763-***9* の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55763-***9*.

MODEL NO. 55763-***7*

8. 本製品は乾燥剤入り、ハイバリア梱包仕様である。
開梱後の保管条件に注意して下さい。(PS-51242-002参照)
HIGH BARRIER PACKAGING INCLUDING DESICCANT.
NOTE THE CONDITION OF THE OPEN PACKAGE.
(REFER TO PS-51242-002)

REVISED	EC NO. J2009-2413	2009/06/16	DRWN:TKN	2009/06/16	CHKD:MATSUMOTO	2009/06/17	APPR:NUKITA	2009/06/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
										10 UNDER	± 0.2	DRAWN BY M. NAGATA	DATE 2004/02/10	TITLE 2.0MM W-TO-B DUAL CONN ASS'Y EMBSTP PKG -LEAD FREE- HIGH BARRIER MOLEX INCORPORATED			
										10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/10				
										30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/10				
										ANGULAR ±3 °		MATERIAL NO.			DOCUMENT NO.	SHEET NO.	
D									REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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RED	61.4	57.4	56±0.3	52.4	26.25	35.9	55763-3072	30
	77.4	73.4	72±0.3	68.4	34.25	45.9	55763-4070	40
NATURAL	61.4	57.4	56±0.3	52.4	26.25	35.9	55763-3070	30
	49.4	45.4	44±0.3	40.4	20.25	25.9	55763-2070	20
COLOR	F	E	D CARRIER TAPE WIDTH	C	(B)	(A)	製品番号 MATERIAL NO.	極数 CIRCUITS
							MODEL NO. 55763-***7*	

REVISED EC NO: J2009-2113 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA REV D	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY M. NAGATA	DATE 2004/02/10	TITLE 2.0MM W-TO-B DUAL CONN ASS'Y EMBSTP PKG -LEAD FREE-		
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/02/10			
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/02/10			
		ANGULAR ±3 °		MATERIAL NO.			DOCUMENT NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-55763-007		2 OF 2	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							