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Part Number:

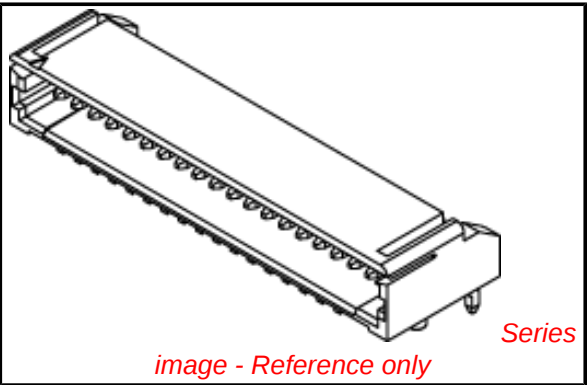
0554541370

Status:

Active

Description:

1.25mm (.049") Pitch Mi II™ System Wire-to-Board Header, Single Row, Right Angle, Lead-free, 13 Circuits



Documents:	
3D Model	Product Specification PS-54596-018 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	55454
Application	Wire-to-Board
Product Name	Mini Mi II™
Physical	
Breakaway	No
Circuits (Loaded)	13
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
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	100V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	SPK-55454-001
Product Specification	PS-54596-018, RPS-54596-024
Sales Drawing	SD-55454-007

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

55454Series

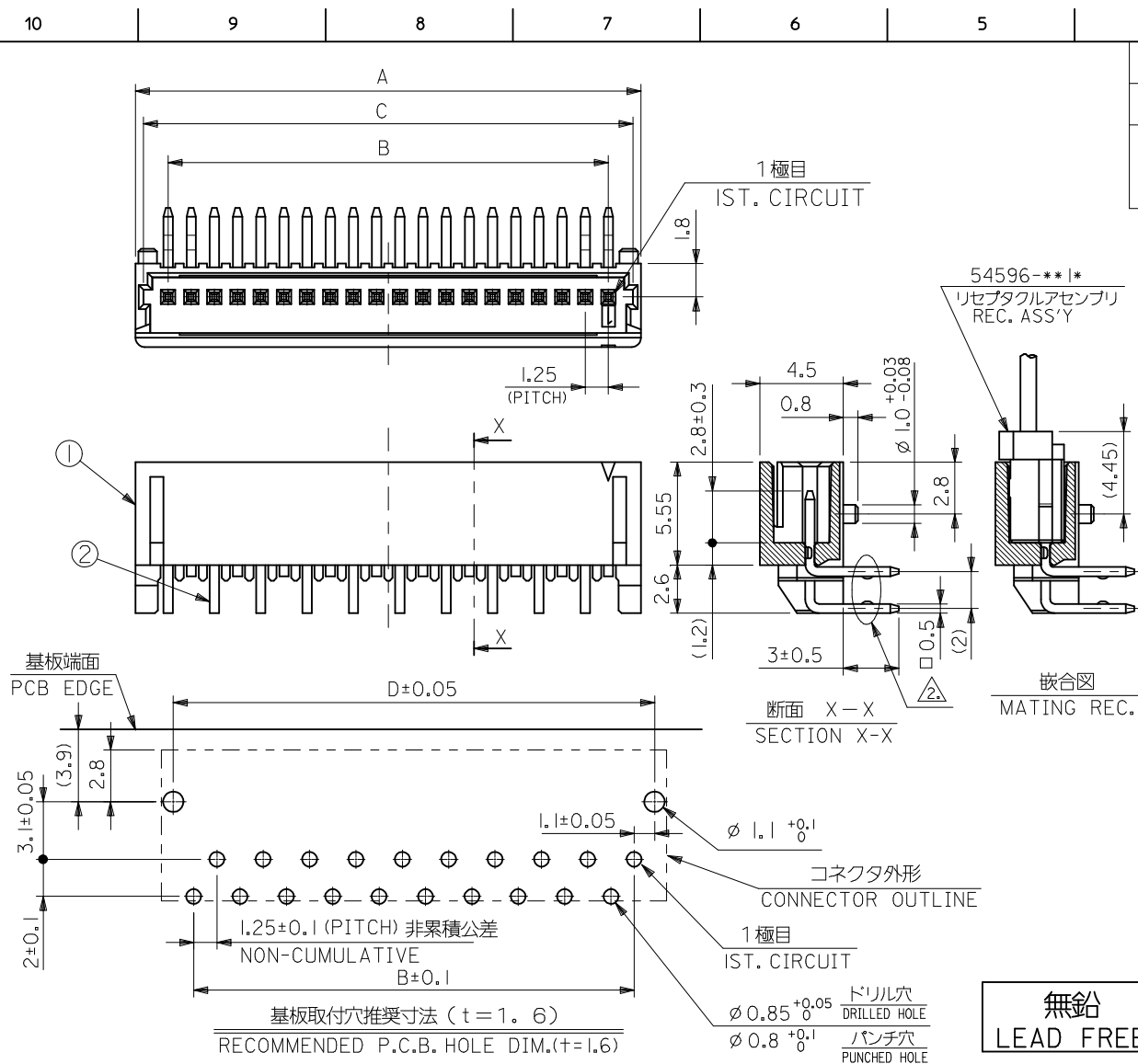
Mates With

51336 PBT Polyester, Glass-filled Housing.

54596 PA Polyamide Housing

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番号 NO.	名称 NAME	原料 MATERIAL	数量 QT'Y	仕上げ FINISH
①	ウエハー WEFAR	ポリアミド PA	I	UL 94V-0
②	ピン PIN	黄銅 BRASS	N	錫メッキ 1.0マイクロメートル以上 PRE-TINNED 1.0 MICROMETER MINIMUM 下地：ニッケルメッキ 0.5マイクロメートル以上 UNDER PLATE NICKEL 0.5 MICROMETER MINIMUM

注)NOTES

1. 原料および仕上げ：表参照
MATERIAL AND FINISH : SEE CHART

△2. キングは、両サイド4ピンに適用。(4極品までは、全極に適用)
TO BE APPLICABLE 4 PIN OF BOTH SIDE.

3. 製品番号
MATERIAL NO.

55454-**7*

極数 CIRCUIT SIZE (02 ~ 20)

メッキ仕様：無鉛 PLATING:LEAD FREE

色
COLOR

0 : 自然色	NATURAL
2 : 赤色	RED
3 : 黄色	YELLOW

25.95	26.4	23.75	27.25	20	55454-207*	55454-***7
24.7	25.15	22.5	26	19	▲ -197*	
23.45	23.9	21.25	24.75	18	-187*	
22.2	22.65	20	23.5	17	-177*	
20.95	21.4	18.75	22.25	16	-167*	
19.7	20.15	17.5	21	15	-157*	
18.45	18.9	16.25	19.75	14	-147*	
17.2	17.65	15	18.5	13	-137*	
15.95	16.4	13.75	17.25	12	-127*	
14.7	15.15	12.5	16	11	-117*	
13.45	13.9	11.25	14.75	10	-107*	
12.2	12.65	10	13.5	9	-097*	
10.95	11.4	8.75	12.25	8	-087*	
9.7	10.15	7.5	11	7	-077*	
8.45	8.9	6.25	9.75	6	-067*	
7.2	7.65	5	8.5	5	-057*	
5.95	6.4	3.75	7.25	4	-047*	
4.7	5.15	2.5	6	3	▼ -037*	
3.45	3.9	1.25	4.75	2	55454-027*	
D	C	B	A	極数 CIRCUIT SIZE	製品番号 MATERIAL NO.	MODEL NO.

無鉛
LEAD FREE

REVISED EC NO.: J2009-1881 DRAWN:RTSURUOKA CHKD.:THARYUAWA APPR.:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	N. YOSHIDA	'03/02/12	TITLE MINI M12 1-ROW R/A WAFA ASS'Y (SN)				
		10 OVER 30 UNDER	± 0.25	M. YAGI	'03/02/12					
		30 OVER	± 0.3	APPROVED BY Y. ITO	DATE '03/02/12	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-55454-007				1 OF 1
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								