

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0535210240

Status:

Active

Description:

7.92mm (.312") Pitch Header, Vertical, Expandable Base, 2 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51144-002 (PDF)

Product Specification PS-51144-003 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	53521
Application	Wire-to-Board
Product Name	N/A

Physical

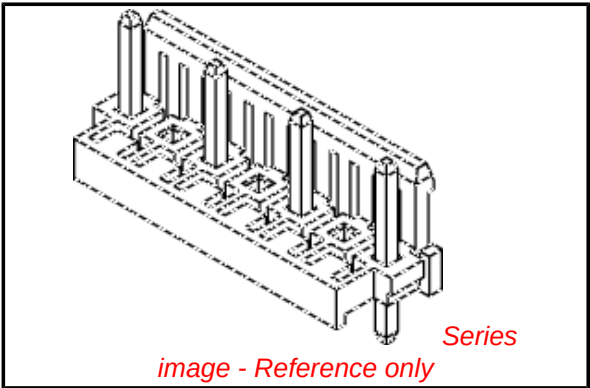
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.312 In
Pitch - Mating Interface (mm)	7.92 mm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	6A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

53521Series

Mates With

51144 Crimp Terminal

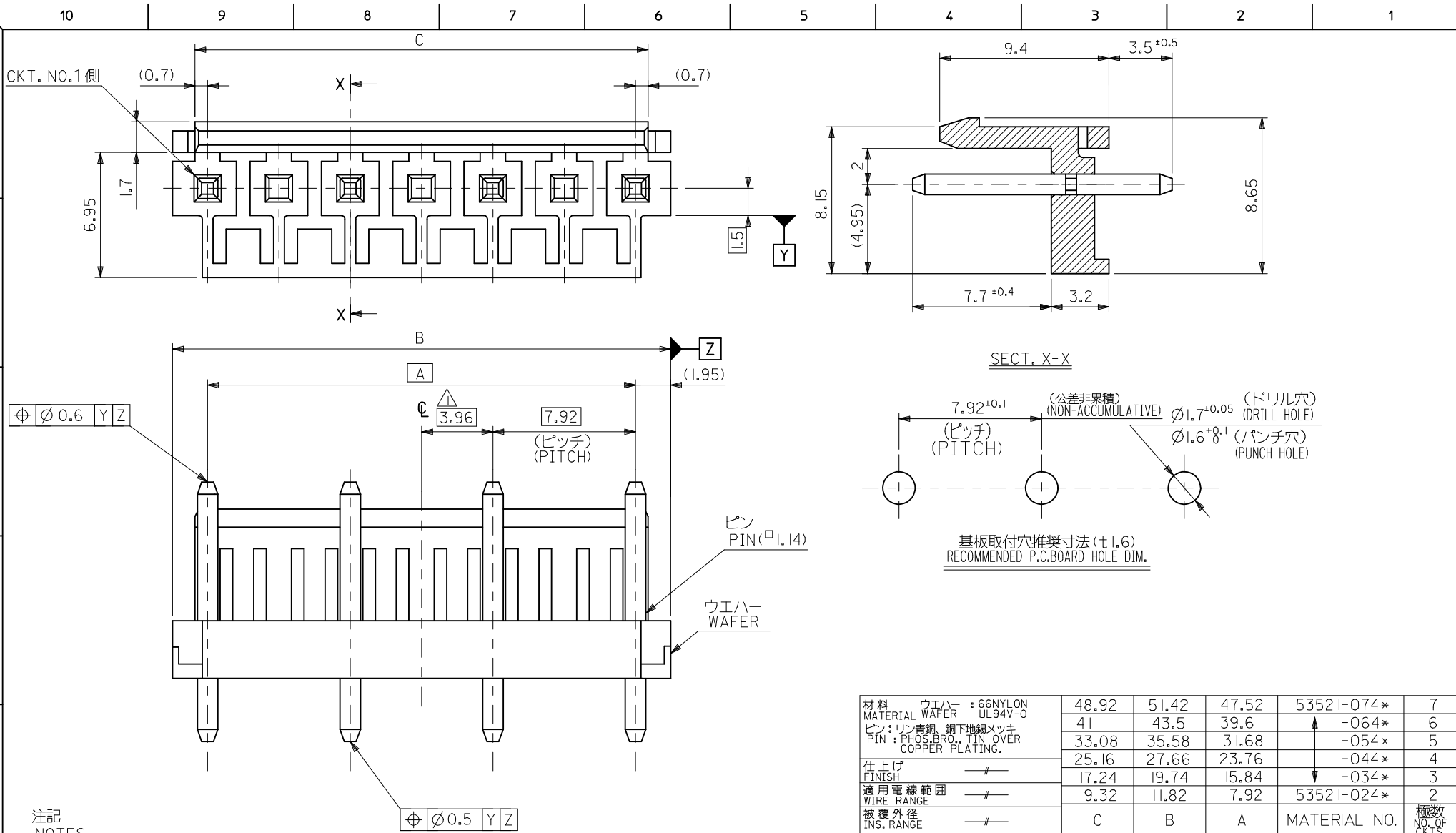
Product Specification

Sales Drawing

PS-51144-002, PS-51144-003, RPS-51144-001,
RPS-51144-003, RPS-51144-005, RPS-51144-006,
RPS-51144-008, RPS-51144-009, RPS-51144-010
SD-53521-001

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注記
NOTES

- △ 偶数極品に適用。
APPLIES ONLY TO EVEN NO. CKT. SIZES.
2. 嵌合相手：51144 シリーズ
MATES WITH：51144 SERIES.
3. 製品型番の下一桁は色を表します。
LAST DIGIT OF PART NUMBER INDICATES COLOR.
0: 白 WHITE 1: 黒 BLACK 2: 赤 RED 3: 黄 YELLOW 4: 青 BLUE
5: 灰 GRAY 6: 緑 GREEN 7: 茶 BROWN 8: 橙 ORANGE 9: 桃 PINK

REVISED EC NO: J2009-2227 DRWN: CARIZONO CHKD: T. HARUYAMA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY C. ARIZONO	DATE 2009/04/07	TITLE 7.92 WAFER WITH LOCK -LEAD FREE-		
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HARUYAMA	DATE 2009/04/07			
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2009/04/07			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-53521-001		1 OF 2	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

