

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026011098](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Board-to-Board Receptacle, Bottom Entry, 9 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5145-003 \(PDF\)](#)
[Product Specification PS-5145-006 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72090224
UL E29179

General

Product Family PCB Receptacles
Series [5145](#)
Application Board-to-Board
Product Name N/A

Physical

Circuits (Loaded) 9
Durability (mating cycles max) 30
Flammability 94V-2
Glow-Wire Compliant No
Keying to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
Orientation Bottom Entry
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) 0.156 In
Pitch - Mating Interface (mm) 3.96 mm
Polarized to PCB Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

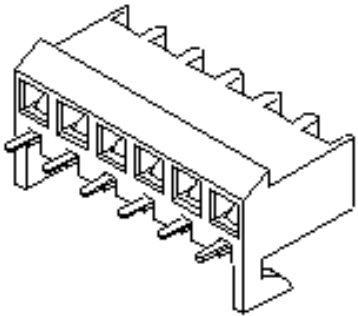
Current - Maximum per Contact 5A
Voltage - Maximum 250V

Material Info

Old Part Number 5145-09BH

Reference - Drawing Numbers

Product Specification PS-5145-003, PS-5145-006
Sales Drawing SD-5145-001, SD-5145-NBH



Series
image - Reference only

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

[5145Series](#)

Mates With

[2461](#)

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F

E

D

C

B

A

F

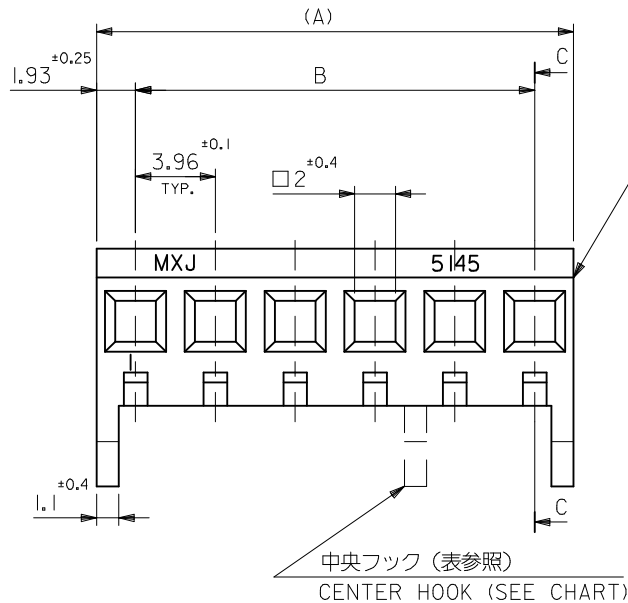
E

D

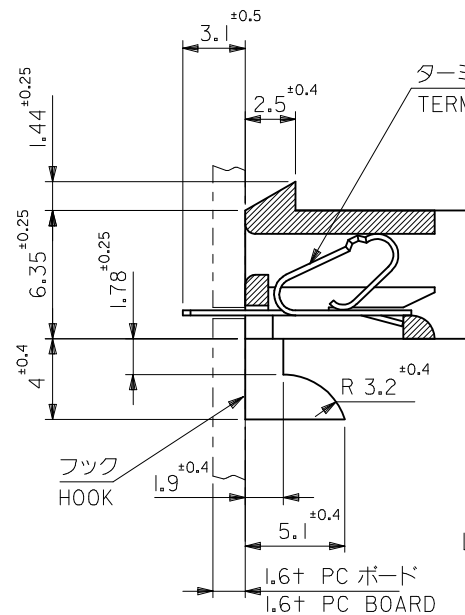
C

B

A



ハウジング (ナイロン66、UL94V-2)
HOUSING (NYLON 66, UL94V-2)

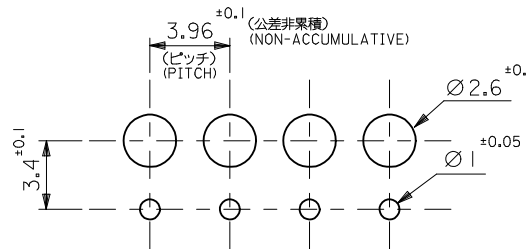
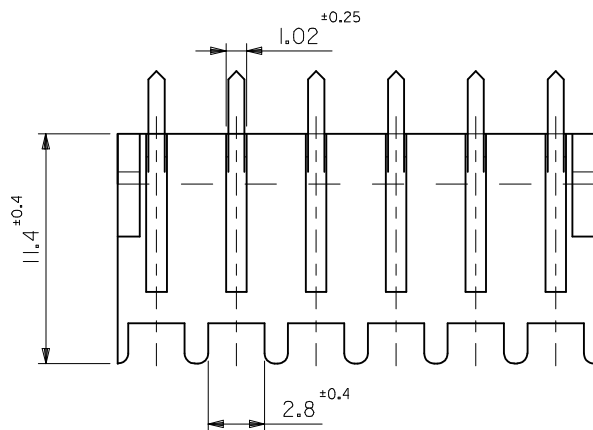


ターミナル (黄銅、銅下付錫メッキ)
TERMINAL (BRASS, TIN OVER COPPER PLATE)

注記
NOTE

- 端回路リブ付き
RIB STICK TO END CIRCUIT
- () 内寸法は参考値とする。
() DIMENSION IS FOR REFERENCE

断面 C-C
SECT. C-C



基板取付穴推奨寸法
RECOMMENDED PC BOARD HOLE DIMENSION

4と5の間 BETWEEN 4 AND 5	43.56 $\pm$ 0.25	47.42	26-01-1128	5145-12BH	12
5と6の間 BETWEEN 5 AND 6	35.64 $\pm$ 0.25	39.50	26-01-1108	5145-10BH	10
4と5の間 BETWEEN 4 AND 5	31.68 $\pm$ 0.2	35.54	26-01-1098	5145-09BH	9
4と5の間 BETWEEN 4 AND 5	27.72 $\pm$ 0.2	31.58	26-01-1088	5145-08BH	8
—	23.76 $\pm$ 0.2	27.62	26-01-1078	5145-07BH	7
—	19.80 $\pm$ 0.2	23.66	26-01-1068	5145-06BH	6
—	15.84 $\pm$ 0.15	19.70	26-01-1058	5145-05BH	5
—	11.88 $\pm$ 0.15	15.74	26-01-1048	5145-04BH	4
—	7.92 $\pm$ 0.15	11.78	26-01-1038	5145-03BH	3
—	3.96 $\pm$ 0.1	7.82	26-01-1028	5145-02BH	2
中央フック位置 CENTER HOOK	B	(A)	PART NO.	MATERIAL NO.	数量 NO. OF CKTS.

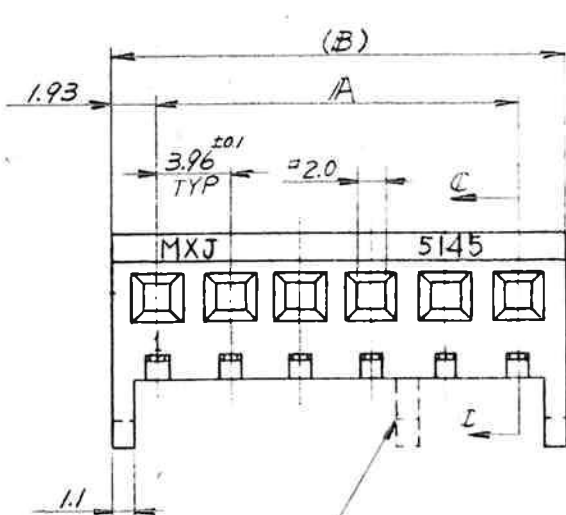
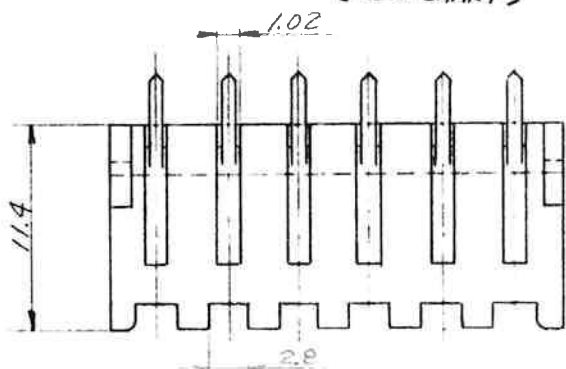
MODEL NO. 5145-NBH

材料ハウジング:ナイロン66、UL94V-2
MATERIAL HOUSING:NYLON 66, UL94V-2
ターミナル:黄銅、銅下付錫メッキ、0.254 t
TERMINAL:BRASS, TIN OVER COPPER PLATE 0.254 t

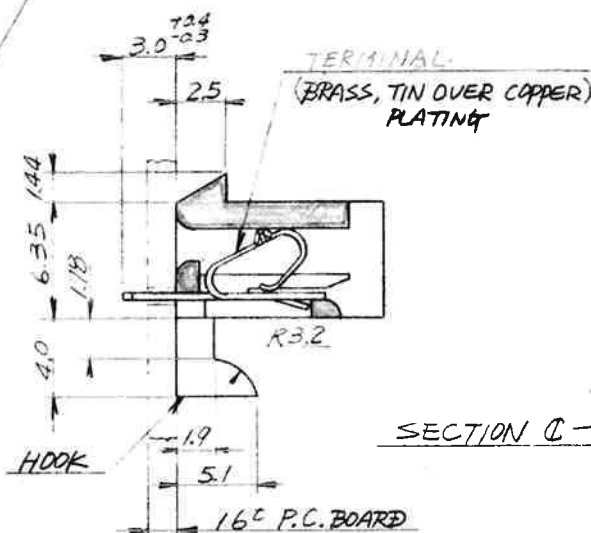
REVISED EC NO: J2009-0510 DRWN:NAKAMURAA 2008/12/08 CHKD:T. HARIYAMA 2008/12/08 APPR:NUKITA 2009/01/13 J	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY S. ANDO	DATE '96/5/24	TITLE KK3.96 SOLDER REC HSG ASSY				
		10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '96/5/24					
		30 OVER	± ---	APPROVED BY M. ENOMOTO	DATE '96/5/24	MOLEX INCORPORATED				
		ANGULAR	± --- °	MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5145-001			1 OF 1		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

NOTE.

DIMENSION SHOWN IN () ARE REFERENCE.

PART No. 26-01-1**8
ENG. No. SD-5145-NBHCENTER HOOK
(SEE CHART)

HOUSING (NYLON 66, UL 94V-2)

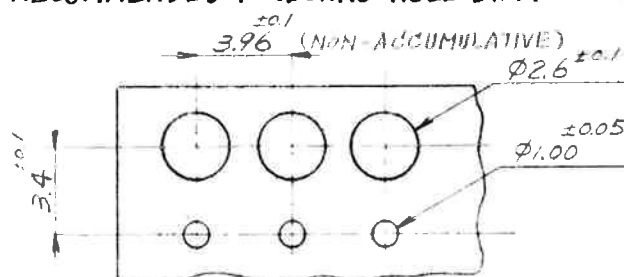


TERMINAL

(BRASS, TIN OVER COPPER)
PLATING

SECTION C-C

RECOMMENDED P.C. BOARD HOLE DIM.



5145-14BH	26-01-1148	14	51.48 ^{+0.30}	55.4	586, 9x10
5145-07BH	26-01-1078	7	23.76 ^{+0.20}	27.62	"
5145-3BH	NOT TOOLED	15	55.44 ^{+0.30}	59.30	586, 108/11
-12BH	26-01-1128	12	43.56 ^{+0.25}	47.42	485, 8x9
-10BH	1108	10	35.64 ^{+0.25}	39.50	586
-09BH	1098	9	31.63 ^{+0.20}	35.54	485
-08BH	1088	8	27.72 ^{+0.20}	31.58	485
-06BH	1068	6	19.80 ^{+0.20}	23.66	"
-05BH	1058	5	15.84 ^{+0.15}	19.70	"
-04BH	1048	4	11.88 ^{+0.15}	15.74	"
-03BH	1038	3	7.92 ^{+0.15}	11.78	"
5145-02BH	26-01-1028	2	3.96 ^{+0.10}	7.82	"
ENG NO	PART NO	No. OF CKT	A DIM.	(B) DIM.	CENTER HOOK LOCATION

DIMENSION SHOWN METRIC/INCH
指示寸法UNLESS OTHERWISE SPECIFIED
TOLERANCE指示公差
0.00 ±0.08
0.25 ±0.25
0 ±0.40DO NOT SCALE DRAWING.
図面の実測を要す

DRWG.

DSN'D

CHK'D

APP'D

TITLE KK 3.96 SOLDER
REC. HSG. ASSY

MOLEX(JAPAN) CO., LTD.

日本モレックス株式会社

558, FUKAMI, YAMATO, KANAGAWA, JAPAN

PART No.

26-01-1**8

ENG. No.

SD-5145-NBH

SIZE

A

REV.

G

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