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Part Number:

0522071285

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch FFC/FPC Connector, SMT, Right Angle, ZIF, Top Contact Style Receptacle, 12 Circuits, Lead-free, High Barrier Packaging

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

52207Series

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

FFC/FPC Connectors

Series

52207

Overview

ffc_fpc_smt

Product Name

N/A

Physical

Circuits (Loaded)

12

Color - Resin

Natural

Contact Position

Top

Durability (mating cycles max)

30

Entry Angle

90° Angle

Flammability

94V-0

Mated Height (in)

0.106 In

Mated Height (mm)

2.70 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin-Bismuth

Material - Resin

Nylon

Number of Rows

1

Orientation

Right Angle

PC Tail Length (in)

0.079 In

PC Tail Length (mm)

2.00 mm

PCB Locator

No

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface (in)

0.039 In

Pitch - Mating Interface (mm)

1.00 mm

Polarized to PCB

Yes

Stackable

No

Temperature Range - Operating

-30°C to +85°C

Termination Interface: Style

Surface Mount

Wire/Cable Type

FFC/FPC

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52207-001, SPK-52207-002

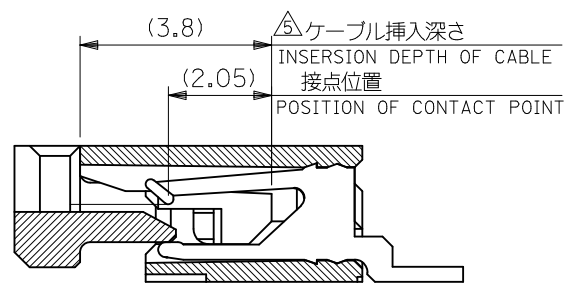
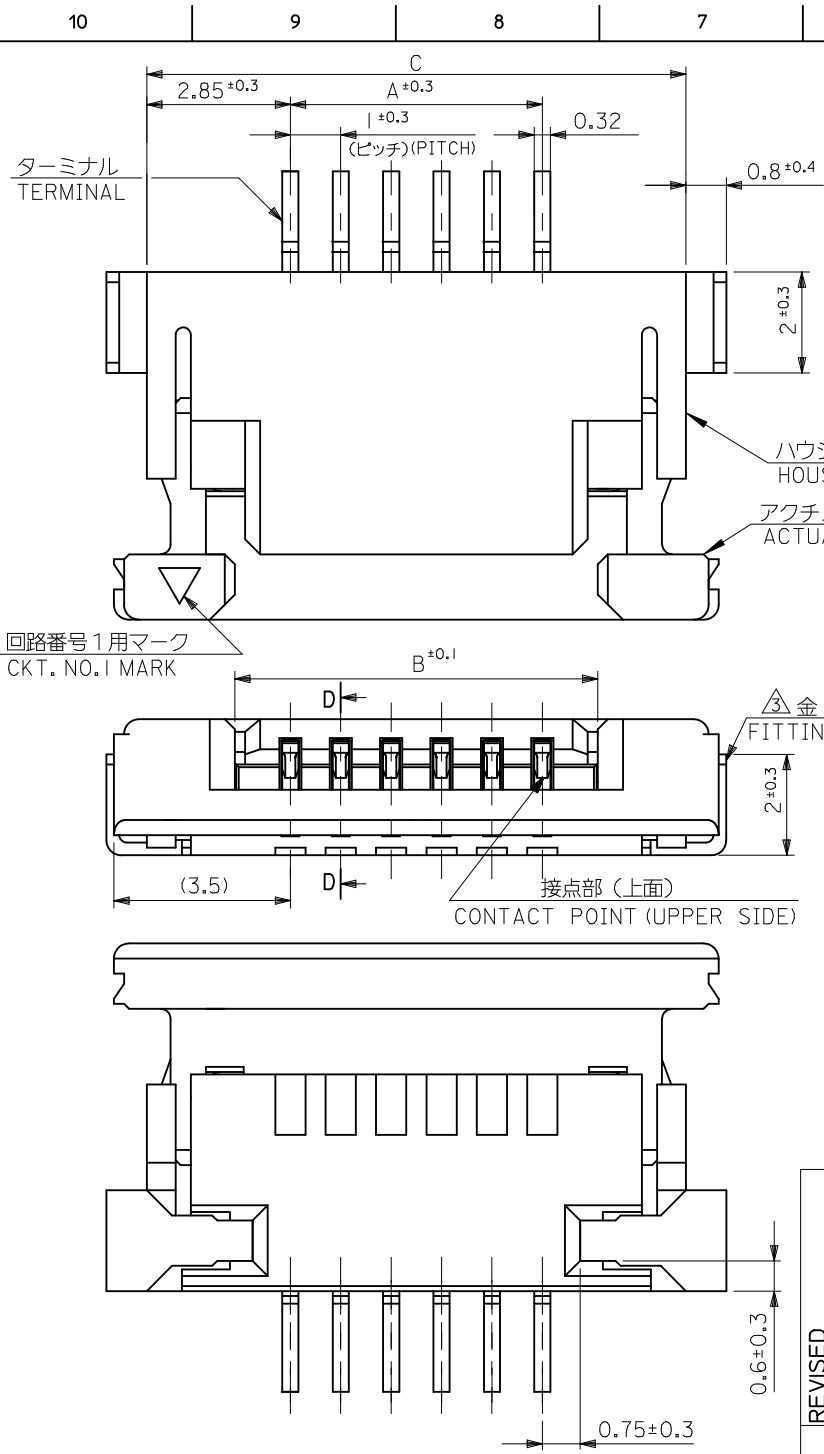
Product Specification

PS-52207-047, RPS-52207-063, RPS-52207-065, RPS-52207-067, RPS-52207-069, RPS-52207-072, RPS-52207-079, RPS-52207-080, RPS-52207-081, RPS-52207-082, RPS-52207-083, RPS-52207-086, RPS-52207-087, RPS-52207-088, RPS-52207-091, RPS-52207-093, RPS-52207-096, RPS-52207-097,

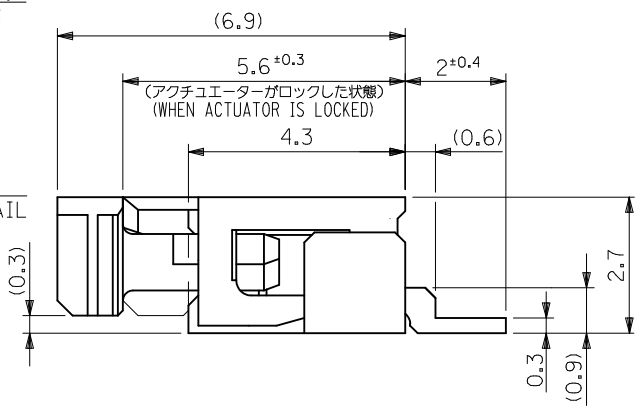
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RPS-52207-103, RPS-52207-105, RPS-52207-107
SD-52207-060, SD-52207-061

This document was generated on 06/04/2010

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断面D-D
SECT.D-D



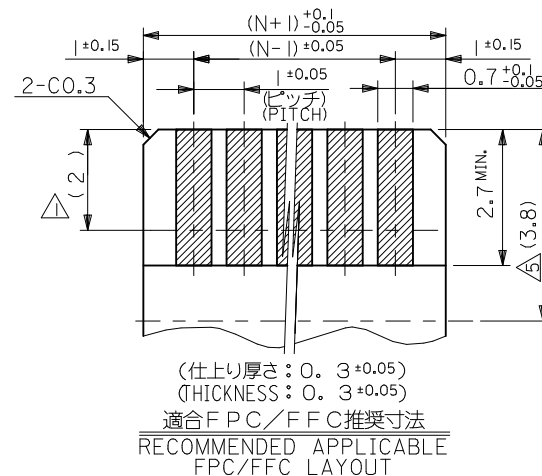
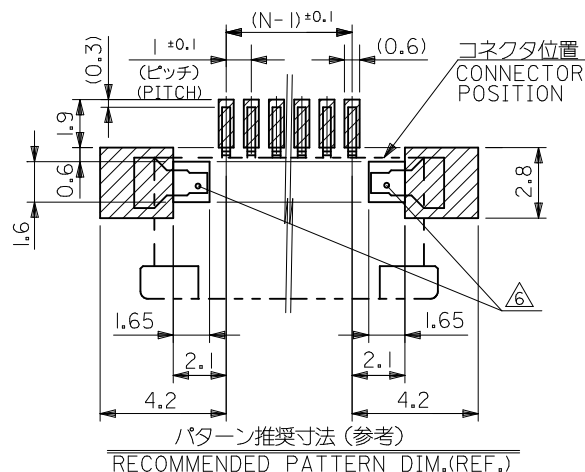
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33.7	30.2	28	52207-0685	29
32.7	29.2	27	52207-0685	28
31.7	28.2	26	52207-0685	27
30.7	27.2	25	52207-0685	26
29.7	26.2	24	52207-0685	25
28.7	25.2	23	52207-0685	24
27.7	24.2	22	52207-0685	23
26.7	23.2	21	52207-0685	22
25.7	22.2	20	52207-0685	21
24.7	21.2	19	52207-0685	20
23.7	20.2	18	52207-0685	19
22.7	19.2	17	52207-0685	18
21.7	18.2	16	52207-0685	17
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17.7	14.2	12	52207-0685	13
16.7	13.2	11	52207-0685	12
15.7	12.2	10	52207-0685	11
14.7	11.2	9	52207-0685	10
13.7	10.2	8	52207-0685	9
12.7	9.2	7	52207-0685	8
11.7	8.2	6	52207-0685	7
10.7	7.2	5	52207-0685	6
9.7	6.2	4	52207-0585	5
8.7	5.2	3	52207-0485	4
7.7	4.2	2	52207-0385	3
C	B	A	EMBOSSD PACKAGE オーダー番号 ORDER NO.	極数 CIRCUITS

CONNECTOR SERIES NO. 52207-**-19

SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 1.0 PITCH FPC CONN. ZIF SMT -LEAD FREE-		
MOLEX INCORPORATED		
DOCUMENT NO. SD-52207-060	SHEET NO. 1 OF 2	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REVISED EC NO: J2010-2456 DRWN:HUGAWA CHKD:SHIMOMURA APPR:KMORI KAWA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	
		10 UNDER	± 0.2	DRAWN BY MNINOMIY	DATE '04/02/06
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/02/06
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE '04/02/06
		ANGULAR ±3 °		MATERIAL NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	
				SIZE A3	THIS DRAWING CONT INCORPORATED AND



注記 NOTES

- △ 接点部までの嵌合長さ。
LENGTH TO CONTACT POINT.
2. 使用材料 MATERIAL
- ハウジング : 46ナイロン (耐熱性), UL94V-0
 - アクチュエータ : PPS, UL94V-0
 - ターミナル : PPS, UL94V-0
 - ターミナル : 銅・ブラスメッキ
 - TERMINAL : PHOSPHOR BRONZE
 - TERMINAL : 銅・ブラスメッキ 1.0マイクロメートル以上
 - TERMINAL : TIN BISMUTH 1.0 MICROMETER MINIMUM
 - TERMINAL : ニッケル下地 1.0マイクロメートル以上
 - TERMINAL : NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
 - 金具 : 銅合金
 - FITTING NAIL : COPPER ALLOY
 - FITTING NAIL : 銅メッキ 1.0マイクロメートル以上
 - FITTING NAIL : TIN 1.0 MICROMETER MINIMUM
 - FITTING NAIL : ニッケル下地 1.0マイクロメートル以上
 - FITTING NAIL : NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
- △ パターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B.PATTERN.
4. エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR OF PART NO.52207-**-19 SHOULD BE LOCKED.
- △ ケーブル挿入深さ
INSERTION DEPTH OF CABLE.
- △ パターン書き込み禁止エリア。
NO FOOT PRINT AREA.
7. 本製品は 52207-**-17 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52207-**-17.
8. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

- FPCについて :
- 打抜き方向は導体側から補強板を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。
- ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

SEE SHEET 1 EC NO: J2010-2456 DRAWN:HUGAWA CHKD:SHIMOMIYAMA APPR:KIMORI KAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
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	SIZE A3	

