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Part Number: [5026114021](#)
Status: **Active**
Description: 0.50mm (.020") Pitch Easy-On™ Type FPC Connector, Right Angle, SMT, Bottom Contact, 3.90mm (.154") Mated Height, 40 Circuits, with Dust Cover, Lead-free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-502611-002 \(PDF\)](#)

General	
Product Family	FFC/FPC Connectors
Series	502611
Product Name	Easy-On™
Physical	
Circuits (Loaded)	40
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height (in)	0.154 In
Mated Height (mm)	3.90 mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Number of Rows	1
Orientation	Right Angle
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-10C TO +100C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FPC only

Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-502611-002, RPS-502611-003
Sales Drawing	SD-502611-003, SD-502611-004

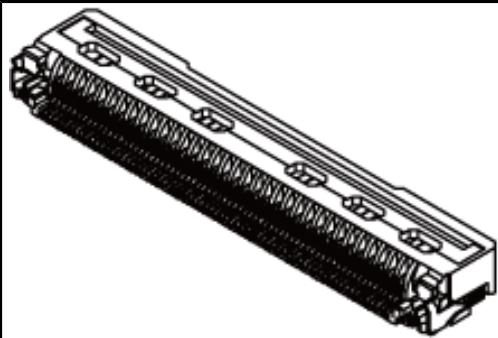


image - Reference only Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

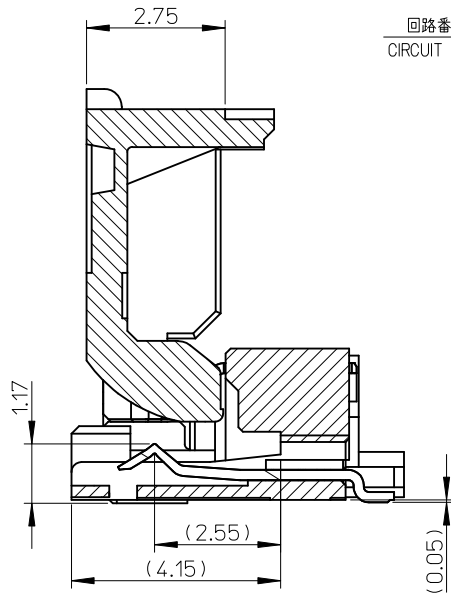
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

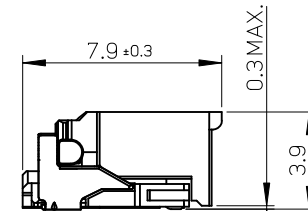
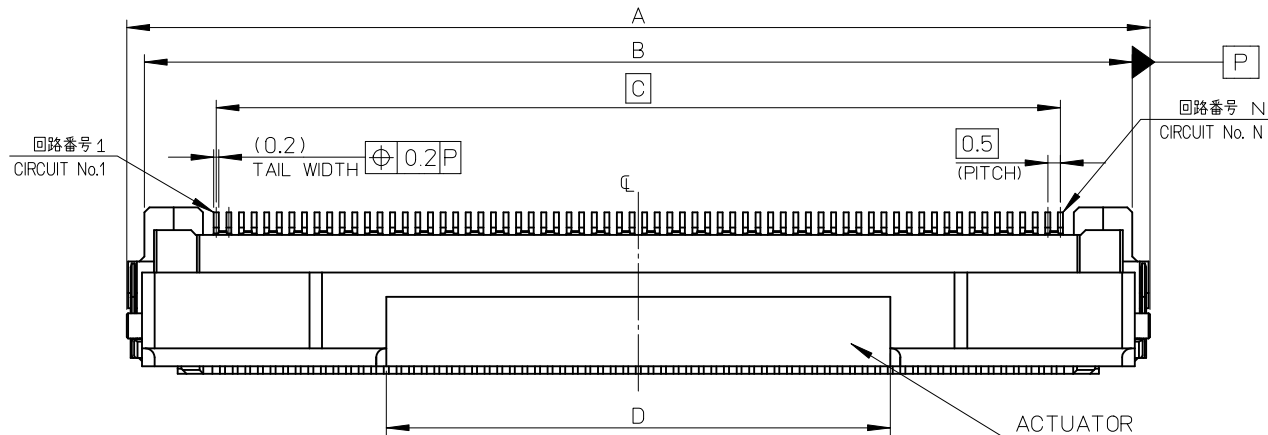
Search Parts in this Series
[502611Series](#)

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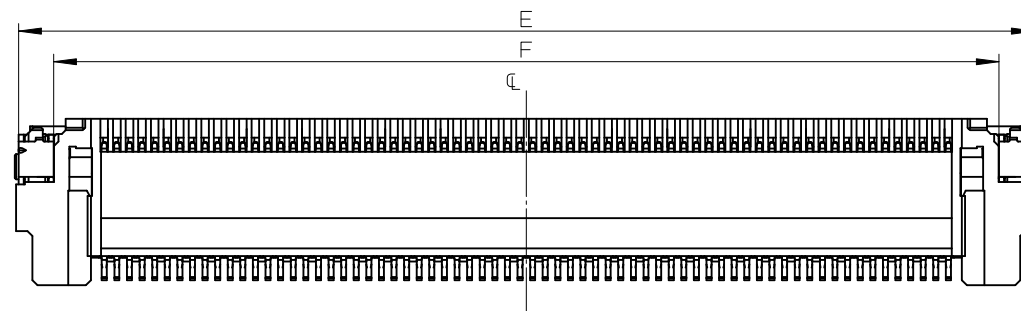
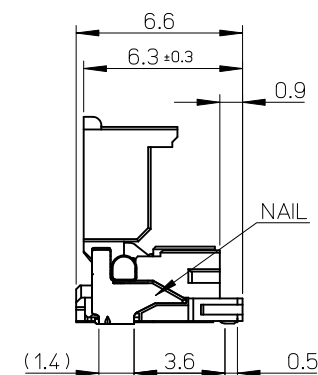
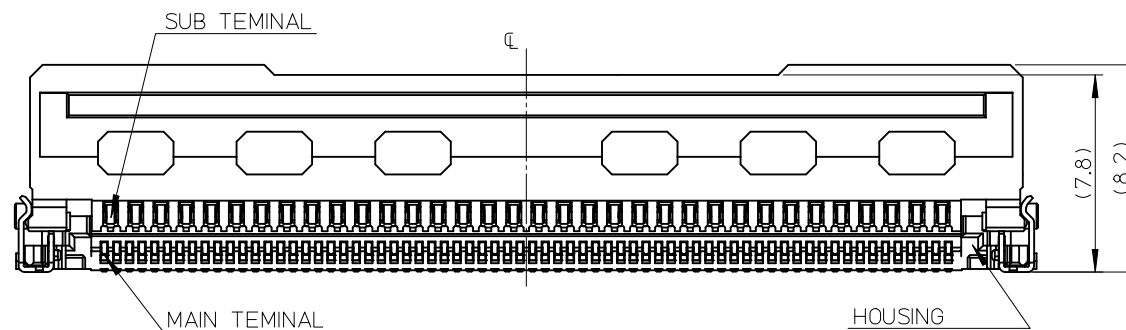
10 9 8 7 6 5 4 3 2 1



SECTION X-X
Scale 10:1



LOCK POSITION



REVISED EC NO: J2010-1375 DRWN:NAITO 2009/12/25 CHKD:WATSUURA 2009/12/25 APPR:KMORIKAWA 2009/12/25 B	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY YKOBAYASHI02		DATE 2008/10/21	TITLE 0.5 FPC CONN. E/O WITH DUST COVER GANG ASSY TYPE		
		10 OVER 30 UNDER	± 0.25	CHECKED BY KMORIKAWA		DATE 2008/10/21			
		30 OVER	± 0.3	APPROVED BY HHRATA		DATE 2008/10/21	MOLEX INCORPORATED		
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-502611-003			1 OF 2	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

F

E

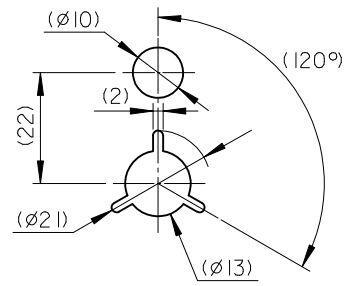
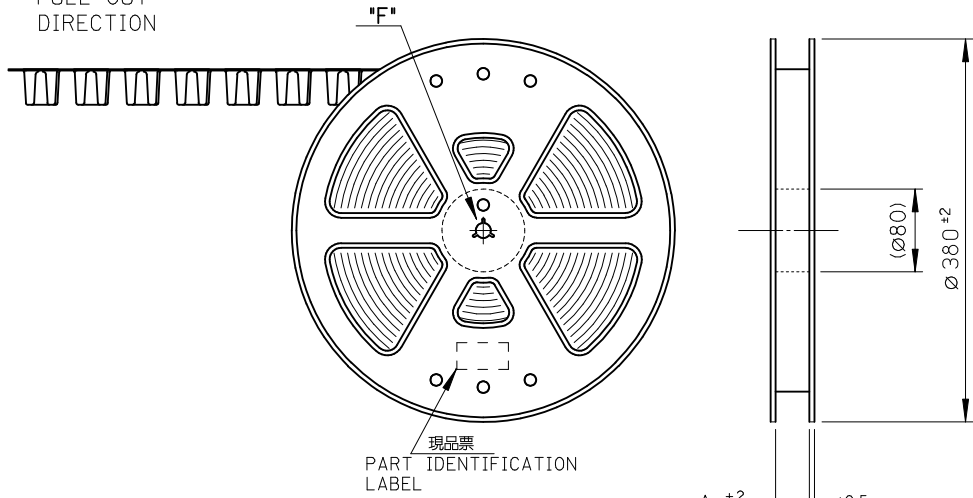
D

C

B

A

引き出し方向
PULL OUT
DIRECTION

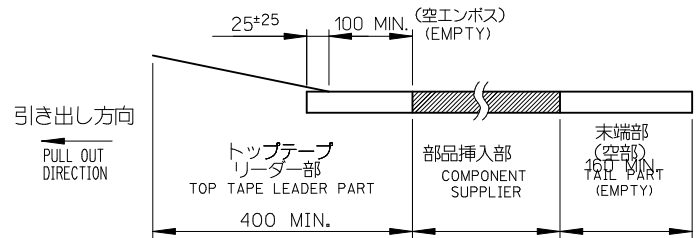


DETAIL "F"

NOTES

- 1. 梱包数量：800個／リール
NUMBER OF CONNECTORS : 800PCS/REEL
- 2. リードテープ長さ
LEAD TAPE LENGTH

トップテープ 未接着部
TOP TAPE NON-BONDED PART



- 3. 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 : POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>
- 4. 欠損無きこと。
THERE MUST NOT BE LOSS.
- 5. ELV 及びRoHS適合品
ELV AND RoHS COMPLIANT

26.2	52.4	56	57.4	502611-6829	502611-6821	68
26.2	52.4	56	57.4	502611-5529	502611-5521	55
20.2	40.4	44	45.4	502611-4029	502611-4021	40
20.2	40.4	44	45.4	502611-3529	502611-3521	35
20.2	40.4	44	45.4	502611-3029	502611-3021	30
20.2	40.4	44	45.4	502611-2029	502611-2021	20
D	C	B	A	製品番号 (コネクタ) CONNECTOR NO.	製品番号 (エンボス梱包) MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2010-1375 DRWN:NAI TO 2009/12/25 CHKD:WATSUURA 2009/12/25 APPR:KMORIKAWA 2009/12/25 B	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		1:1	METRIC			
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN. E/O WITH DUST COVER EMBSTP PKG				
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE					
		30 OVER	±0.3	APPROVED BY	DATE	MOLEX INCORPORATED				
	ANGULAR ±1 °	MATERIAL NO.		DOCUMENT NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		SD-502611-004					1 OF 2	
REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1

F

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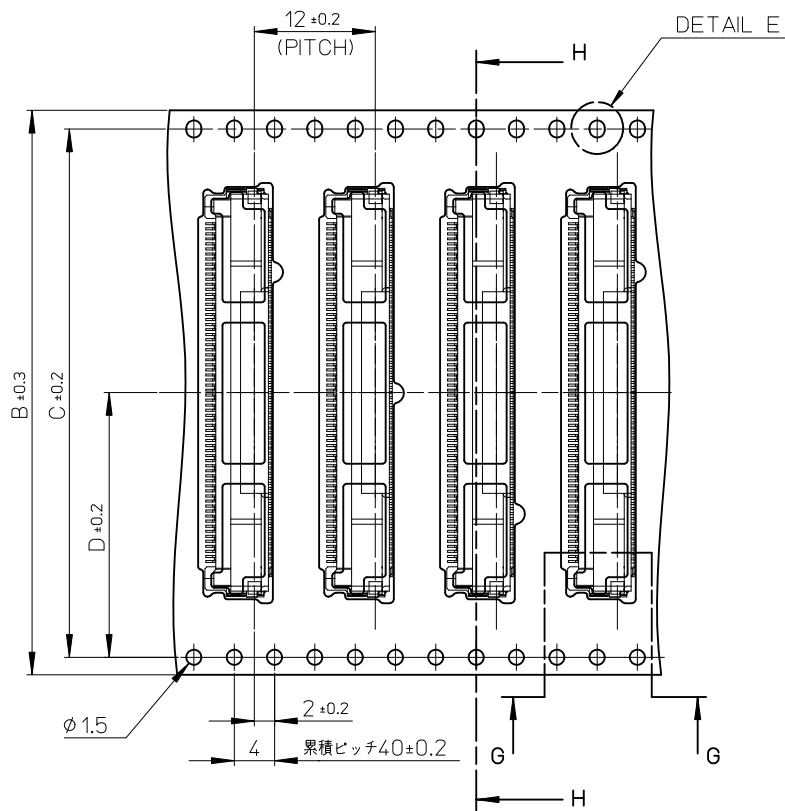
D

C

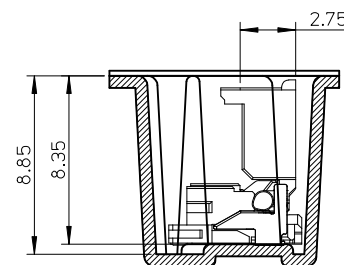
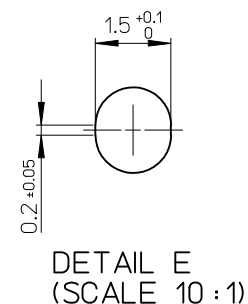
B

A

引き出し方向
PULL OUT DIRECTION



SECTION H-H



SEE SHEET 1 EC NO.: J2010-1375 DRWN: NAITO 2009/12/25 CHKD: MATSUURA 2009/12/25 APPR: KMORIKAWA 2009/12/25	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY YKOBAYASHI	DATE 2008/10/21	TITLE 0.5 FPC CONN. E/O WITH DUST COVER EMBSTP PKG			
		10 OVER 30 UNDER	± 0.25	CHECKED BY KMORIKAWA	DATE 2008/10/21				
		30 OVER	± 0.3	APPROVED BY HHRATA	DATE 2008/10/21	MOLEX INCORPORATED			
		ANGULAR ±1 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-502611-004		2 OF 2		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							