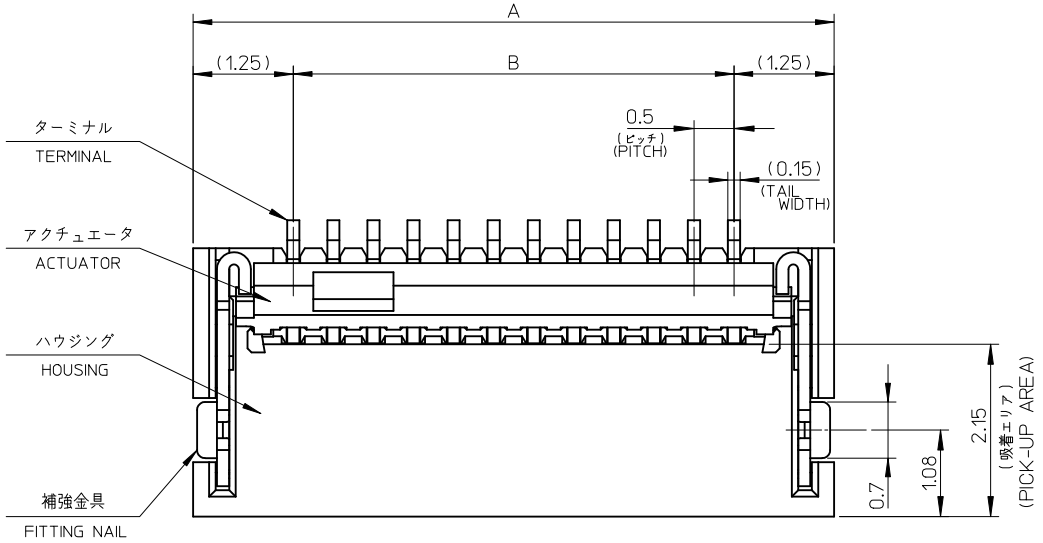
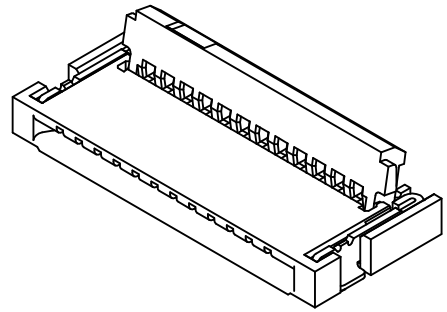
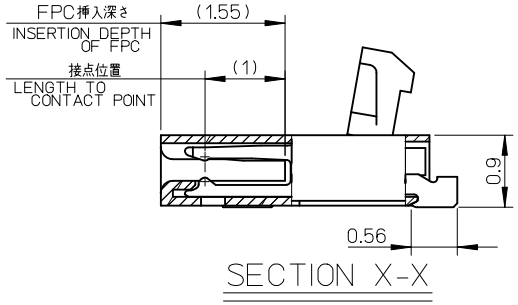
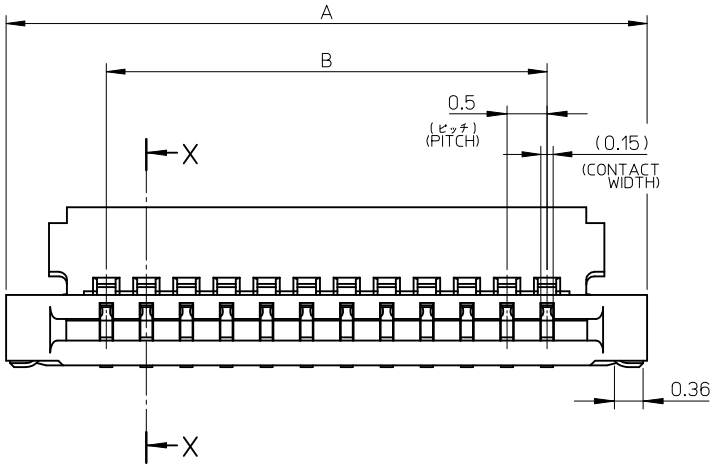
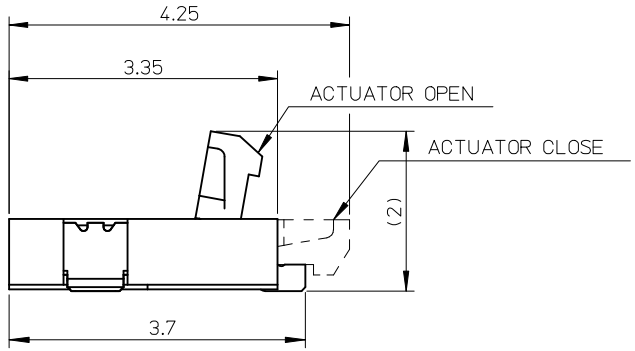






SECTION X-X





23	22	24.5	502118-4591	45
C	B	A	EMBOSSED PACKAGING オーダー番号 ORDER NO.	極数 CIRCUITS

CONNECTOR SERIES NO. : 502118-**21

RELEASED
EC NO: J2010-1059 2009/11/19
DRWN:HONO01 2009/11/19
CH'KD:HSHIMOYAMA 2009/11/19
APPR:KMORIKAWA 2009/11/19

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±1 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV 0

DIMENSION STYLE: MM ONLY	SCALE: //	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: HONO — DATE: 2008/11/19			
CHECKED BY: HSHIMOYAMA — DATE: 2008/11/19			
APPROVED BY: HHIRATA — DATE: 2008/11/19			
MATERIAL NO.: SEE CHART			

TITLE: 0.5 FPC CONN BACK FLIP H=0.9 UPR/BTM CONT

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-502118-003

SHEET NO.: 1 OF 2

SIZE A3

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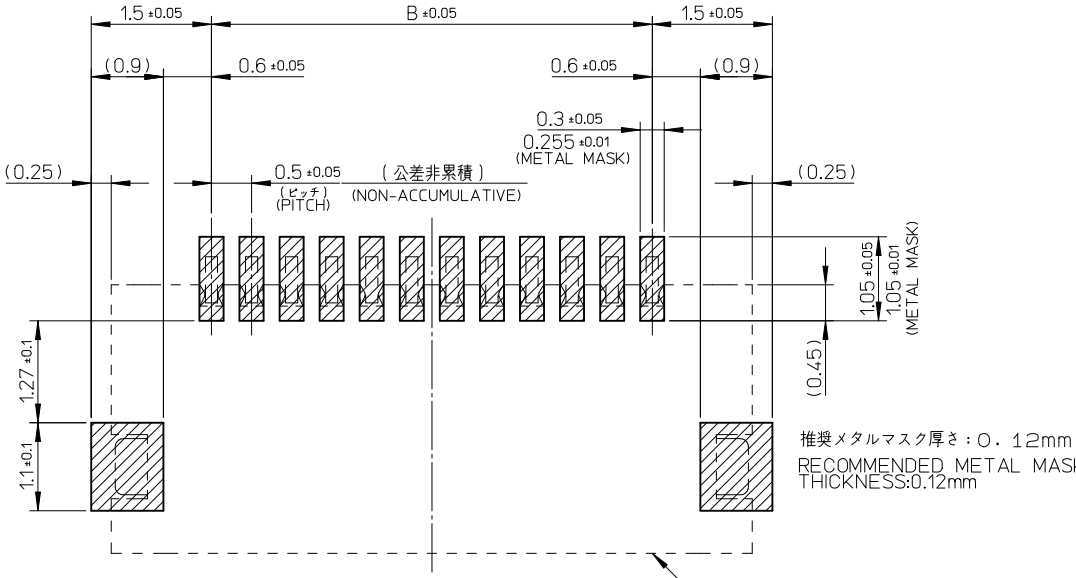
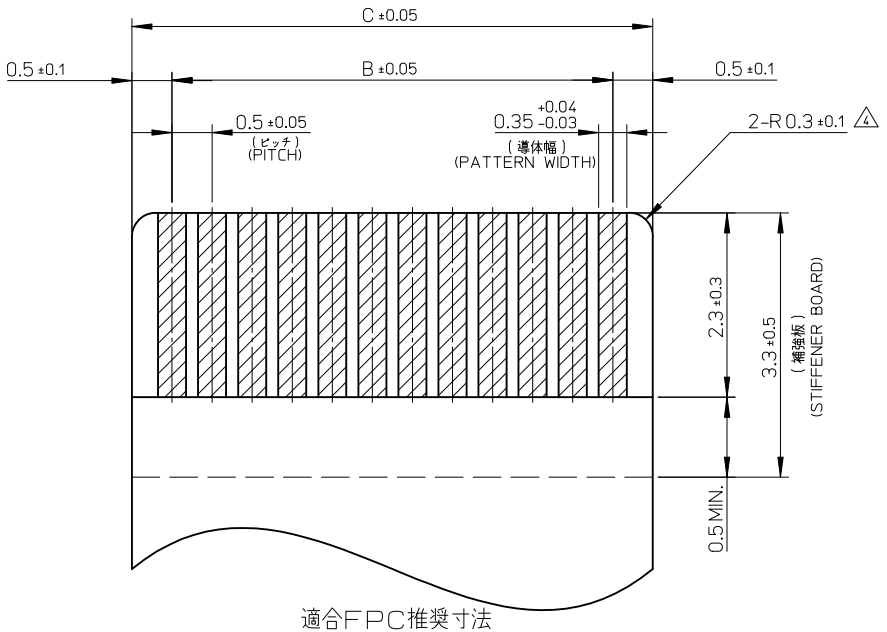


推奨基板レイアウト
RECOMMENDED P.W.BOARD
PATTERN DIMENSION
（マウント面）
(MOUNTING SIDE)

コネクタ位置
CONNECTOR POSITION



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
（仕上がり厚さ：0．20±0．03）
(THICKNESS : 0.20±0.03)

注　記 NOTE

1．使用材料 MATERIAL

ハウジング HOUSING	：液晶ポリマー，色：白 ガラス充填，UL94V-0 LIQUID CRYSTAL POLYMER,COLOR:WHITE GLASS FILLED,UL94V-0
アクチュエータ ACTUATOR	：ポリアミド樹脂，色：黒 ガラス充填，　UL94V-0 POLYAMIDE,COLOR:BLACK GLASS FILLED,UL94V-0
ターミナル TERMINAL	：りん青銅（t=0.15） PHOSPHOR BRONZE(t=0.15)
補強金具 FITTING NAIL	：りん青銅（t=0.15） PHOSPHOR BRONZE(t=0.15)

2．めっき仕様 PLATING

ターミナル TERMINAL	コンタクト部：金めっき（0.1μm以上） テール部：金めっき 下地：ニッケルめっき（1.0μm以上） CONTACT AREA :GOLD PLATING (0.1μm MINIMUM) SOLDERTAIL AREA :GOLD PLATING UNDER PLATE :NICKEL PLATING(1.0μm MINIMUM)
補強金具 FITTING NAIL	仕上：錫めっき（1.0μm以上） 下地：ニッケルめっき（1.0μm以上） PALTE :TIN PLATING(1.0μm MINIMUM) UNDER PLATE :NICKEL PLATING(1.0μm MINIMUM)

3．端子、補強金具の平坦度は0.1以下とする．
SOLDER TAILS AND FITTING NAILS
COPLANALITY TO BE 0.1 MAXIMUM.

△4 R0．3はFPC導体部にかからないこと．
R0.3 MUST NOT BE OVERLAPPED
TO PATTERN OF FPC.

5．ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

6．基板実装前にアクチュエータを操作しないで下さい．
必ず基板に実装し、FPCを挿入してからアクチュエータを操作して下さい．
PLEASE DO NOT OPERATE THE ACTUATOR
BEFORE MOUNTING.
PLEASE OPERATE THE ACTUATOR AFTER MOUNTING ON
THE SUBSTRATE,AND MATING FPC.

FPCについて
ABOUT FPC
抜き方向は、導体側から補強板を推奨します．
補強板材質は、ポリイミドを推奨します．
接着剤は熱硬化接着剤を推奨します．
なお、接着剤の接点部への付着は導通不良の
原因となりますので染み出しの無いよう、お願いします．

RECOMMENDED PUNCHER DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER BORAD SIDE.
RECOMMENDED MATERIAL :
STIFFNER BOARD : POLYIMIDE
BONDING AGENT : THERMOSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY
THAT THE EXTRA ADHESIVE CAUSES THE DEFECT
IN ELECTRICAL CONTINUITY.

RELEASED
EC NO: J2010-1059 2009/11/19
DRWN:HONO01 2009/11/19
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APPR:KMORIKAWA 2009/11/19
DESCRIPTION
REV 0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	//
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	HONO
DATE	2008/11/19
CHECKED BY	HSHIMOYAMA
DATE	2008/11/19
APPROVED BY	HHIRATA
DATE	2008/11/19
TITLE	0.5 FPC CONN BACK FLIP H=0.9 UPR/BTM CONT
	MOLEX INCORPORATED
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-502118-003
SHEET NO.	2 OF 2
SIZE	A3

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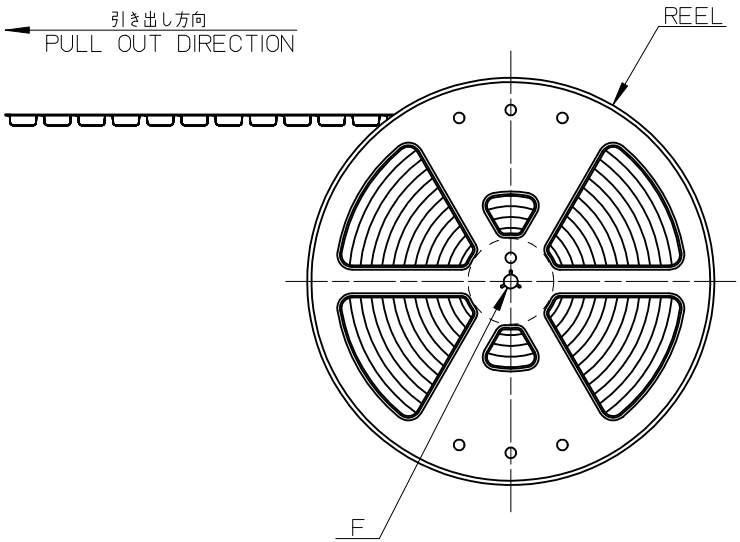
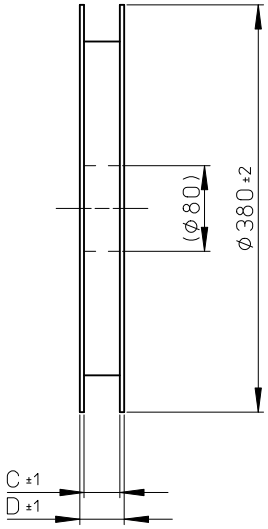
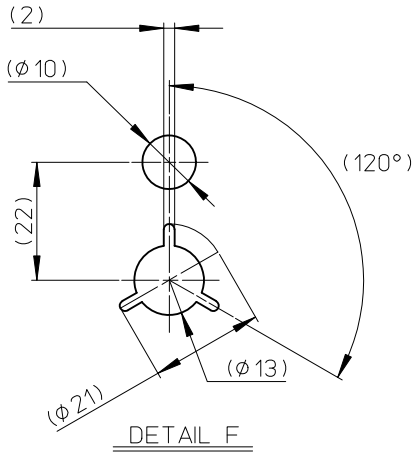


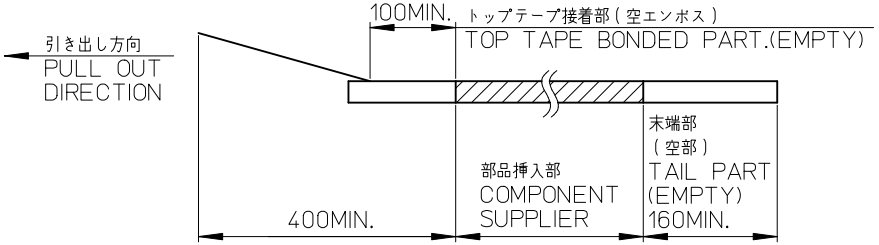




DETAIL F

NOTES

1.製品詳細寸法については製品単体図面を参照下さい.
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2.梱包数量：2500個／リール
NUMBER OF CONNECTORS 2500PCS/REEL
3.リードテープ長さ
LEAD TAPE LENGTH



4.材料
MATERIAL
キャリアテープ(CARRIRE TAPE)：ポリスチレン(POLYSTYRENE)
トップテープ(TOP TAPE)：PET, PE, PEF
リール(REEL)：ポリスチレン(PS) ＜リサイクル材を含む＞
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAILED>
5.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

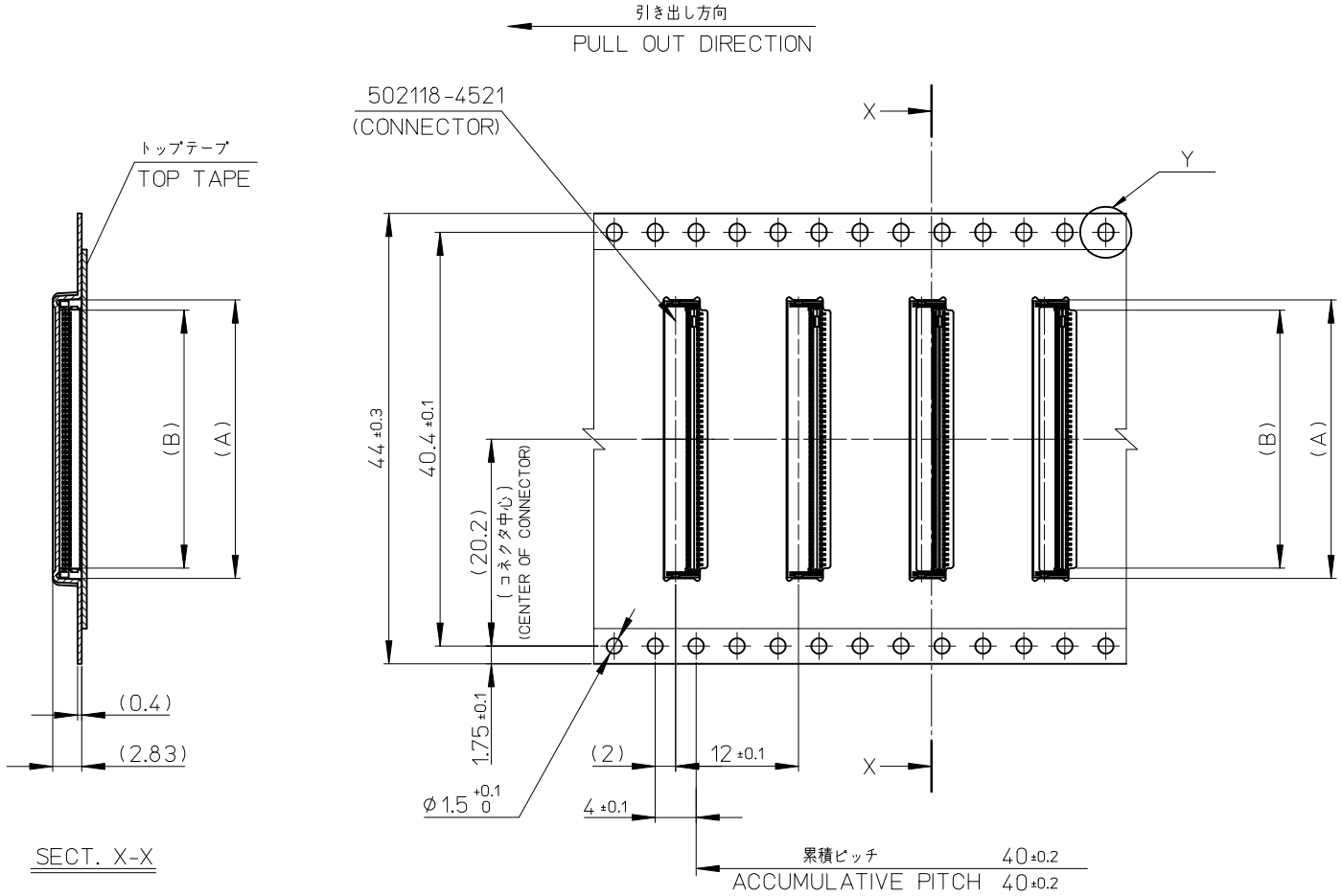
RELEASED
EC NO: J2010-1059 2009/11/19
DRWN:HONO01 2009/11/19
CH'KD:HSHIMOYAMA 2009/11/19
APPR:KMORIKAWA 2009/11/19
DESCRIPTION
REV 0

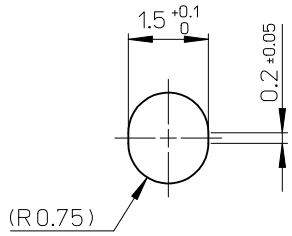
GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: HONO DATE: 2008/11/19	TITLE: 0.5 FPC CONN BACK FLIP H=0.9 UPR/BTM CONT EMBSTP PKG		
CHECKED BY: HSHIMOYAMA DATE: 2008/11/19			
APPROVED BY: HHIRATA DATE: 2008/11/19	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-502118-004		SHEET NO.: 1 OF 2
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		





Y部詳細

44	49.4	45.4	22.7	24.7	502118-4591	45
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL NO.	極数 CIRCUITS

RELEASED
EC NO: J2010-1059 2009/11/19
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10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV 0

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: HONO DATE: 2008/11/19
CHECKED BY: HSHIMOYAMA DATE: 2008/11/19
APPROVED BY: HHIRATA DATE: 2008/11/19

TITLE: 0.5 FPC CONN BACK FLIP H=0.9 UPR/BTM CONT EMBSTP PKG

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-502118-004
SHEET NO.: 2 OF 2

SIZE A3

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LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru