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ELV AND RoHS COMPLIANT.

NOTES

- 梱包数量: 900 個/リール
NUMBER OF CONNECTORS: 900 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH

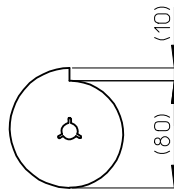
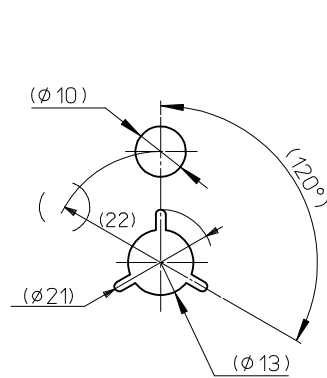
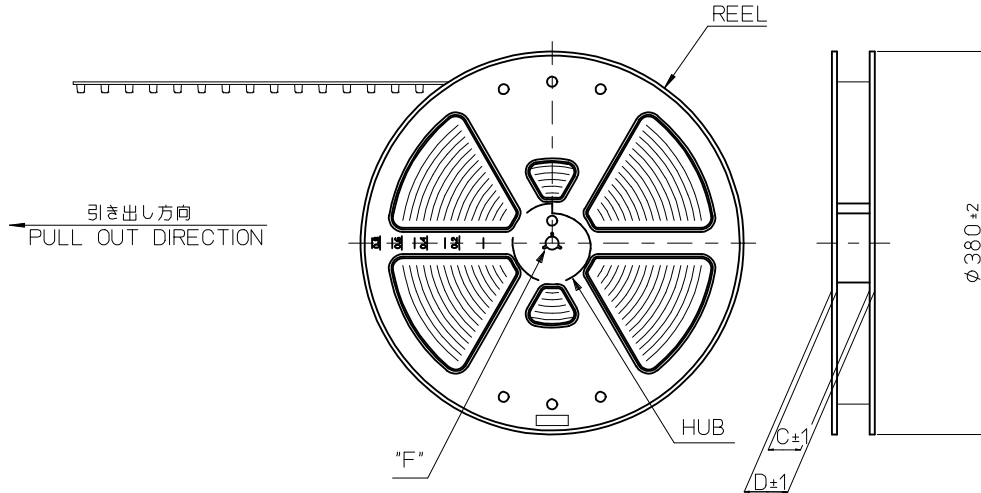
トップテープ接着部
TOP TAPE BONDED PART
(空エンボス)
(EMPTY)

100 MIN.

引き出し方向
PULL OUT DIRECTION



- 製品詳細寸法については図面 SD-501786-008 を参照下さい。
RE DETAILED DIMENSION, SEE SD-501786-008.
- 材料(MATERIAL)
キャリアテープ(CARRIER TAPE): ポリスチレン(POLYSTYRENE)
トップテープ(TOP TAPE): PET, PE, PE
リール(REEL): ポリスチレン(POLYSTYRENE)<リサイクル材を含む>
<RECYCLE MATERIAL CONTAINED>
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT



HUB

DETAIL "F"

501786-**91 MODEL NO.

REVISED	EC NO.: J2009-1986 DRWN:YSHI BATA CHKD:THARUYAMA APPR:NUKITA	2009/02/26 2009/02/26 2009/02/26	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				10 UNDER	± 0.2	DRAWN BY H. IJIMA	DATE 07/12/25	TITLE EMBSTP PKG FOR 0.5 FFC TO BOARD ST TYPE				
				10 OVER 30 UNDER	± 0.25	CHECKED BY K. MORIKAWA	DATE 07/12/25					
				30 OVER	± 0.3	APPROVED BY H. HIRATA	DATE 07/12/25					
				ANGULAR ± 3 °		MATERIAL NO. 501786-**91		DOCUMENT NO. SD-501786-009		SHEET NO. 1 OF 2		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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EN-02JA(021)

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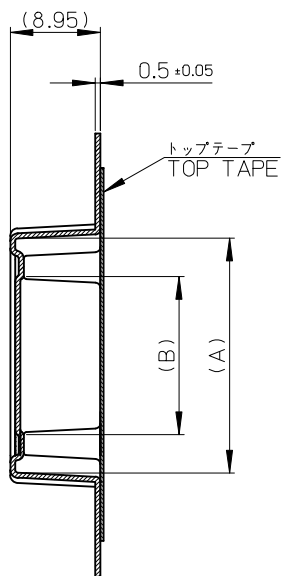
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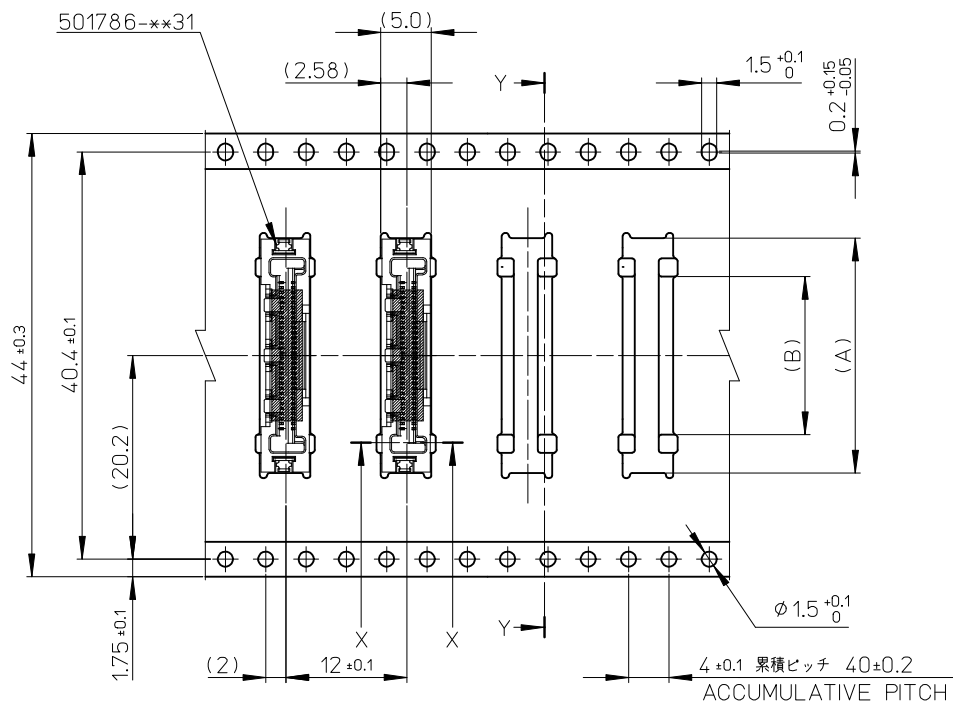
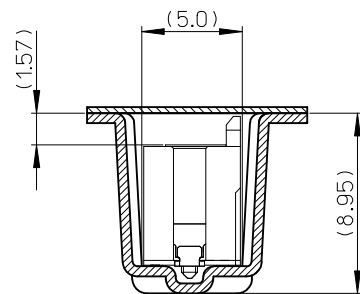
2

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ELV AND RoHS COMPLIANT.

引き出し方向
PULL OUT DIRECTION

SECT. Y-Y

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

SECT. X-X

56	61.4	57.4	25.68	33.3	501786-5091	50
44	49.4	45.4	15.68	23.3	501786-3091	30
キャリアテープ幅 CARRIER TAPE WIDTH		D	C	B	A	製品番号 MATERIAL NO.
						極数 CKT

REVISED
EC NO: J2009-1986
DRWN: YSHIBATA 2009/02/26
CHKD: THARUYAMA 2009/02/26
APPR: NUKITA 2009/02/26
AGENERAL TOLERANCES
(UNLESS SPECIFIED)
10 UNDER ± 0.2
10 OVER 30 UNDER ± 0.25
30 OVER ± 0.3
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY
DRAWN BY H. IJIMA DATE 07/12/25
CHECKED BY K. MORIKAWA DATE 07/12/25
APPROVED BY H. HIRATA DATE 07/12/25
MATERIAL NO. 501786-**91
SIZE A3SCALE ---
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
EMBSTP PKG FOR
0.5 FFC TO BOARD
ST TYPE
MOLEX INCORPORATED
DOCUMENT NO. SD-501786-009
SHEET NO. 2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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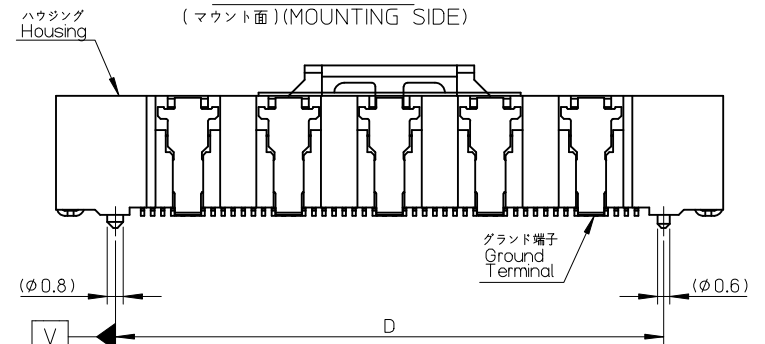
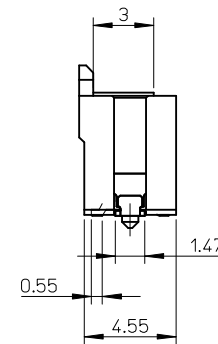
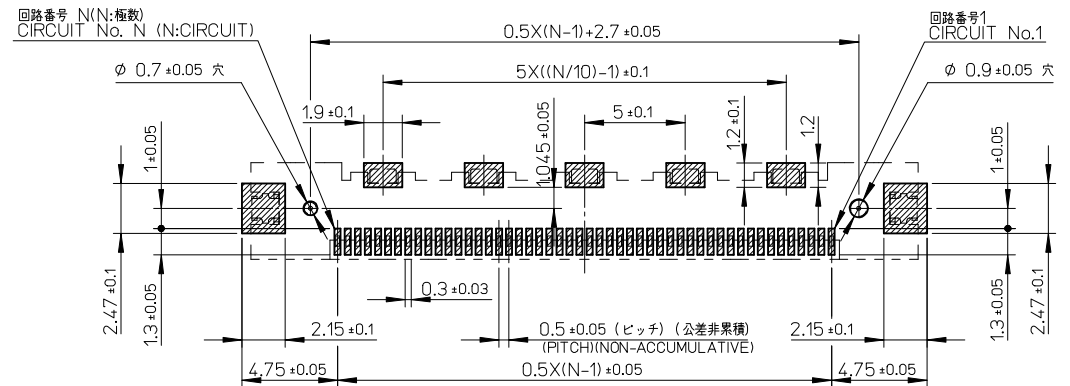
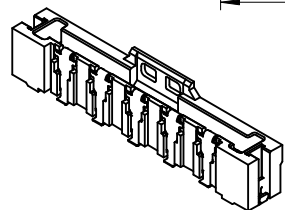
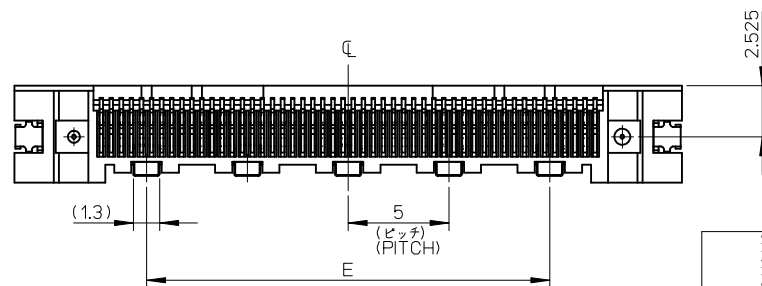
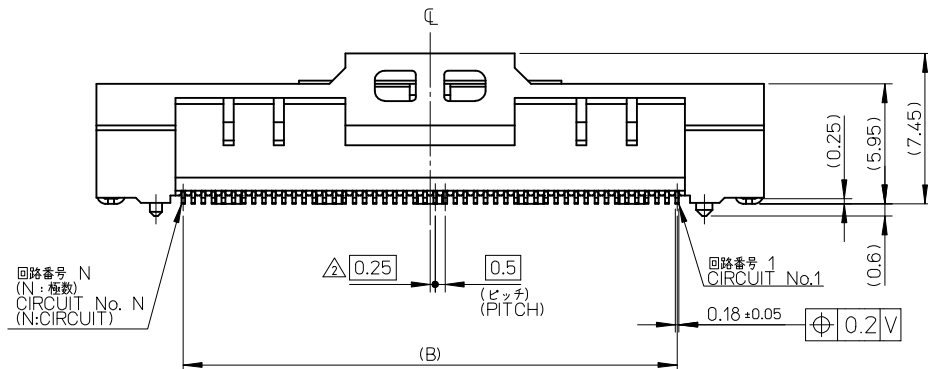
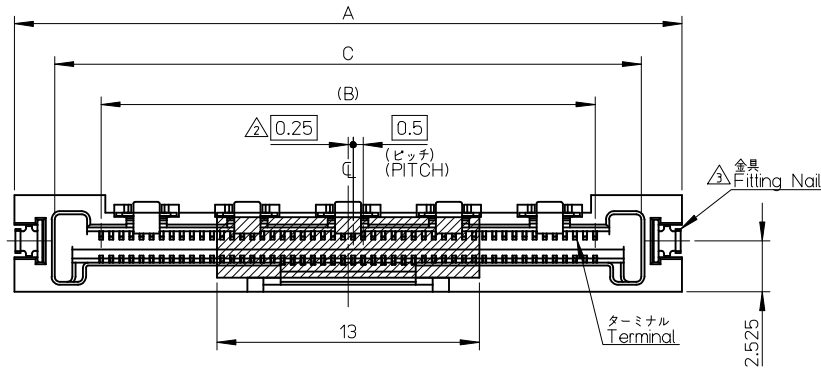
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5	20	27.2	29.1	24.5	33.1	501786-5091	50
QTY of Ground Term	E	D	C	B	A	EMBOSSED TAPE PKG.	極数 CIRCUIT
ORDER No. オーダー番号							

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		CONNECTOR SERIES No. 501786-**31	
EC NO: J2010-0779		10 UNDER		MM ONLY		THIRD ANGLE PROJECTION		METRIC		0.5 FFC TO BOARD CONN	
DRWN: NISHI		10 OVER 30 UNDER		DRAWN BY		DATE		THIRD ANGLE PROJECTION		REC HSG ASSY (ST)	
CHKD: MATSUURA		30 OVER		CHECKED BY		DATE		THIRD ANGLE PROJECTION		MOLEX INCORPORATED	
APPR: KIMORI KAWA		ANGULAR ±1 °		APPROVED BY		DATE		THIRD ANGLE PROJECTION		SD-501786-012	
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DATE		THIRD ANGLE PROJECTION		SHEET NO.	
A		SEE CHART		SIZE		DATE		THIRD ANGLE PROJECTION		1 OF 2	

10 9 8 7 6 5 4 3 2 1

F

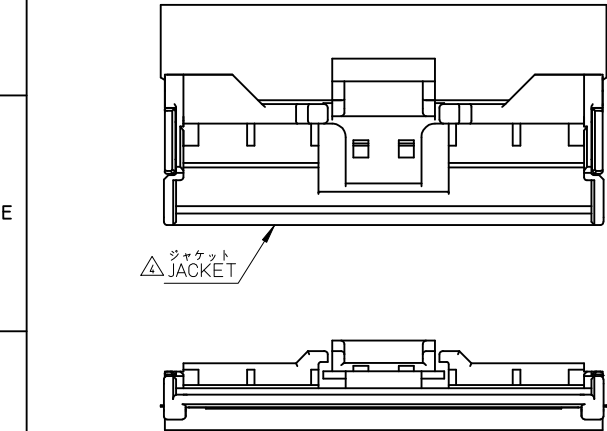
E

D

C

B

A

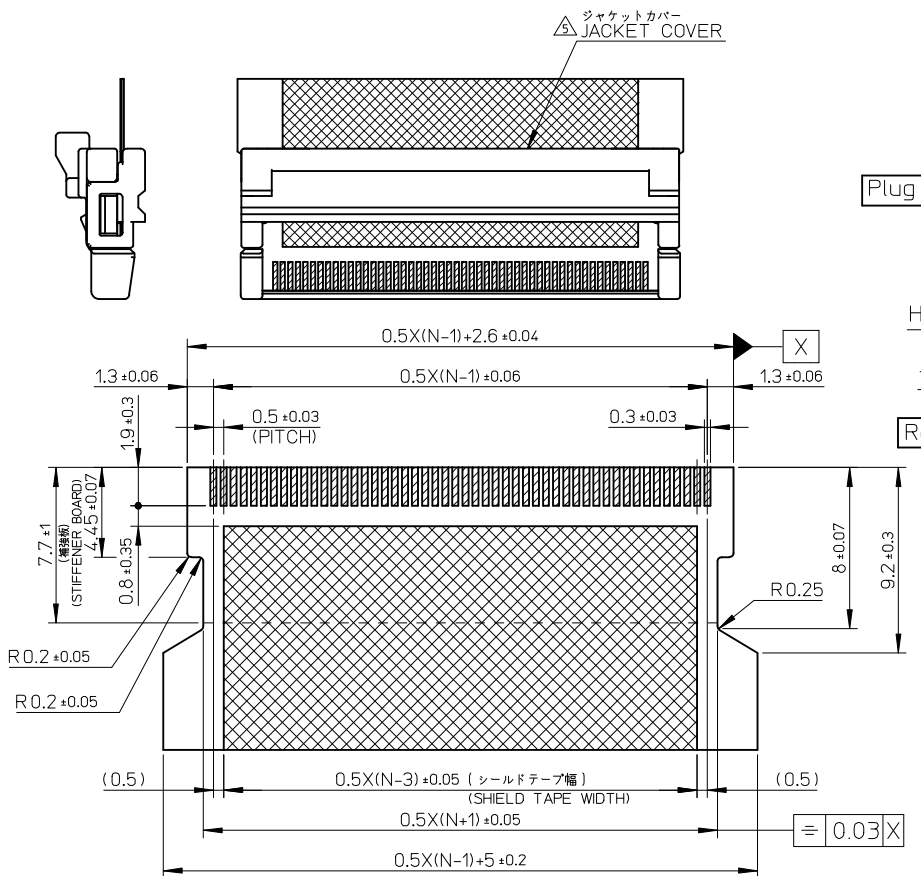


注 記
NOTE

1. 使用材料 MATERIAL

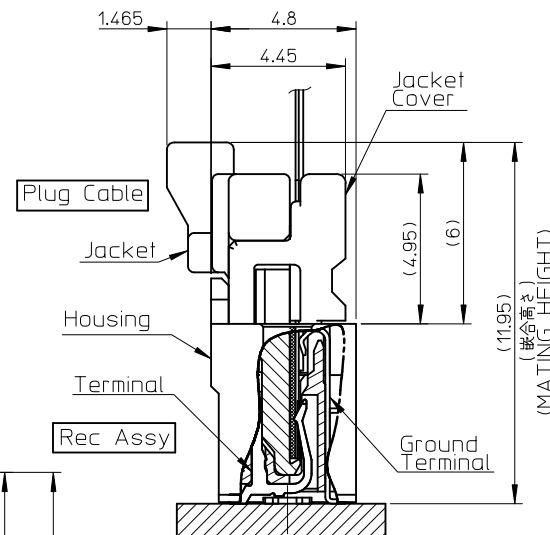
- ハウジング
HOUSING : 液晶ポリマー (LCP) , ガラス充填,
UL94V-0 色 : 黒色
LIQUID CRYSTAL POLYMER(LCP)
GLASS FILLED,UL94V-0 COLOR:BLACK
- ターミナル
TERMINAL : 焼青銅 ($t=0.18$)
PHOSPHOR BRONZE ($t=0.18$)
メッキ
PLATING : コンタクト部 : 部分金めっき ($0.1\mu\text{m}$ 以上)
テール部 : 部分金めっき
下地 : ニッケルめっき ($1.0\mu\text{m}$ 以上)
CONTACT AREA : SEPARATED GOLD PLATING
($0.1\mu\text{m}$ MINIMUM)
SOLDER TAIL AREA : SEPARATED GOLD PLATING
UNDER PLATING : NICKEL OVERALL ($1.0\mu\text{m}$ MINIMUM)
- 金具
FITTING NAIL : 焼青銅 ($t=0.25$)
ニッケル下地 錫メッキ ($1.0\mu\text{m}$ 以上)
PHOSPHOR BRONZE ($t=0.25$)
TIN OVER NICKEL PLATING ($1.0\mu\text{m}$ MINIMUM)
- グラウンド端子
GROUND TERMINAL : 焼青銅 ($t=0.15$)
ニッケル下地 錫メッキ ($1.0\mu\text{m}$ 以上)
PHOSPHOR BRONZE ($t=0.15$)
TIN OVER NICKEL PLATING ($1.0\mu\text{m}$ MINIMUM)

- △2 N=偶数に適用 (N : 極数)
APPLY FOR N-EVENIN(CIRCUIT)
- △3 パターン剥離止め用金具
FITTING NAIL FOR PREVENTION OF PEELING
OF P.C.B. PATTERN.
- △4 適合ジャケット : 503150-**-09
製品詳細寸法はSD-503150-001を参照下さい.
APPLICABLE JACKET:503150-**-09
RE DETAILED DIMENSION,SEE SD-503150-001.
- △5 適合ジャケットカバー : 503151-**-09
製品詳細寸法はSD-503151-001を参照下さい.
APPLICABLE JACKET:503151-**-09
RE DETAILED DIMENSION,SEE SD-503151-001.



適合する金めっきFFC推奨寸法
APPLICABLE FFC OF GOLD PLATING
RECOMENDED DIMENSION
(仕上がり厚さ : コネクタ接点部 0.3 ± 0.03)
シールド部 0.44 ± 0.05)
(THICKNESS : CONTACT AREA 0.3 ± 0.03)
SHIELD AREA 0.44 ± 0.05)

コネクタ接点部
CONTACT AREA
シールド部
SHIELD AREA



嵌合断面図
MATED CONNECTOR SECTION

- 6.FFCについて
ABOUT FFC
打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅 $35\mu\text{m}$ また $50\mu\text{m}$ を推奨します。
RECOMMENDED PUNCHING DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER SIDE
RECOMMENDED CONDUCTOR SPEC :
SOFT COPPER FOIL
RECOMMENDED CONDUCTOR THICKNESS :
35MICROMETER OR 50MICROMETER
- 7.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

REVISED EC NO: J2010-0779 DRAWN: NISHI CHKD: MATSUURA APPR: KIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE //	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 		
		10 UNDER	± 0.2	DRAWN BY YSHIBATA	DATE 2009/02/17	TITLE 0.5 FFC TO BOARD CONN REC HSG ASSY (ST)				
		10 OVER 30 UNDER	± 0.25	CHECKED BY THARUYAMA	DATE 2009/02/17					
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2009/02/17					
		ANGULAR ±1 °		MATERIAL NO.		MOLEX INCORPORATED 				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1						
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				SIZE A3						