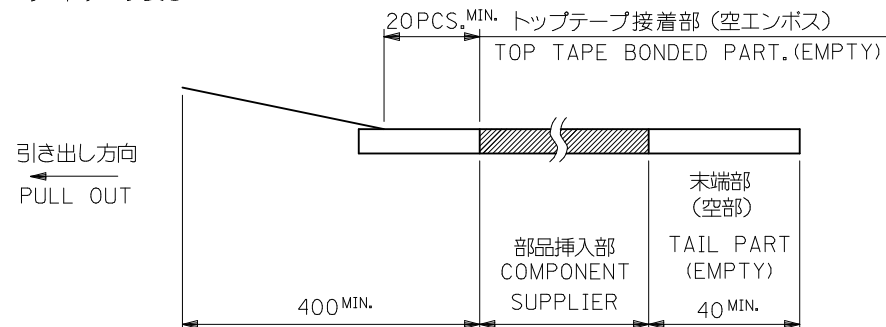


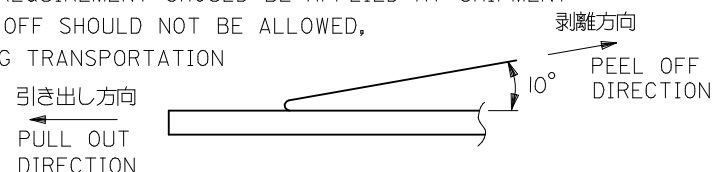
注記 NOTES

- 製品番号 52559-**-I9 の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については図面 SD-52559-027 を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52559-**-I9 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE SD-52559-027
- 梱包数量：1000個／リール
NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- トップテープの剥離強度：（剥離方向は下図参照）
0.1～1.3N {10gf～130gf} 尚、本規格値は、出荷時に適用。
（但し、輸送時に剥離が発生しない事。）

PEELING OFF FORCE OF TOP TAPE
0.1～1.3N{10gf～130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



- 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＞

- 本製品は 52559-**-92の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52559-**-92
- 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

52559-**-72

MODEL NO.

REVISED EC NO.: J2009-2061 DRAWN: T KON CHKD: H MATSUMOTO APPR: NUKI I TA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY H. SHIMABUKU	DATE 2004/01/07	TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-		
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/01/07			
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/01/07			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2-4		SD-52559-028		
B	REV	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

E

D

C

B

A

F

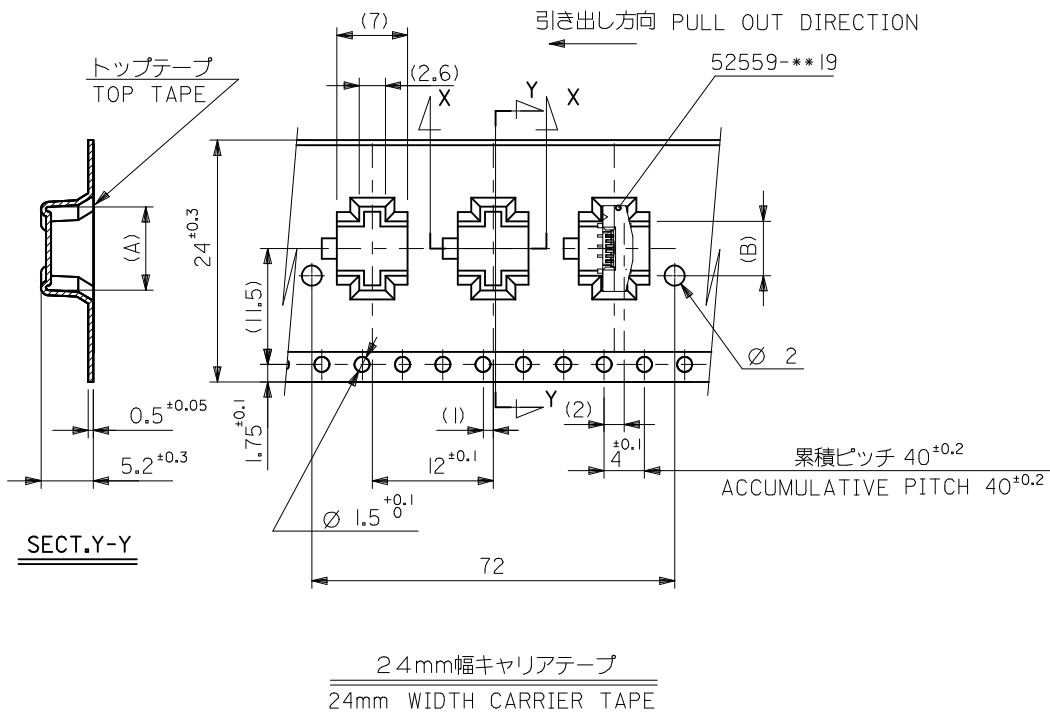
E

D

C

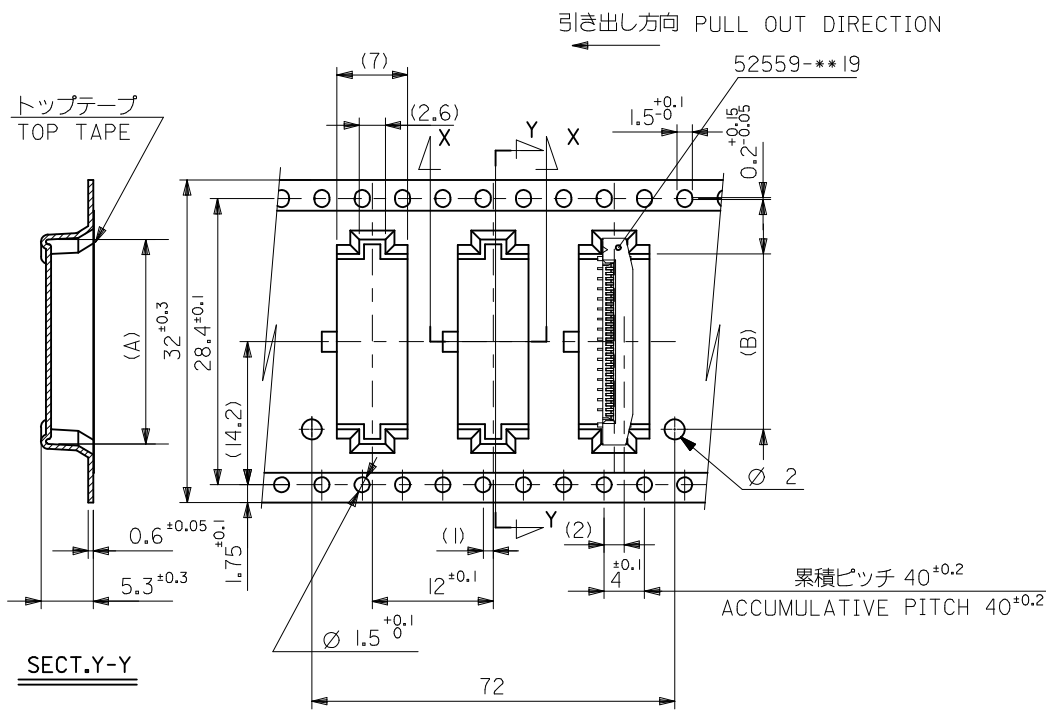
B

A



24	29.4	25.4	14.4	17.3	52559-2472	24
			13.9	16.8	52559-2372	23
			12.9	15.8	52559-2172	21
			12.4	15.3	52559-2072	20
			10.9	13.8	52559-1772	17
			10.4	13.3	52559-1672	16
			9.9	12.8	52559-1572	15
			9.4	12.3	52559-1472	14
			8.4	11.3	52559-1272	12
			7.4	10.3	52559-1072	10
24	29.4	25.4	6.9	9.8	52559-0972	9
			5.4	8.3	52559-0672	6

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY H. SHIMABUKUR	DATE 2004/01/07	TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/01/07					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/01/07					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52559-028		2 OF 4			
B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



32	37.4	33.4	18.4	21.3	52559-3272	32	
			17.4	20.3	52559-3072	30	
			16.4	19.3	52559-2872	28	
			15.9	18.8	52559-2772	27	
			15.4	18.3	52559-2672	26	
キャリアテープ幅 CARRIER TAPE WIDTH		D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.
DIMENSION STYLE MM ONLY			SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
DRAWN BY DATE H. SHIMABUKUR 2004/01/07			TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-				
CHECKED BY DATE K. TOJO 2004/01/07							
APPROVED BY DATE M. SASAO 2004/01/07							
MATERIAL NO.			MOLEX INCORPORATED			SEE TABLE	
SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SD-52559-028

DWG. NO.
SD-52559-045

F

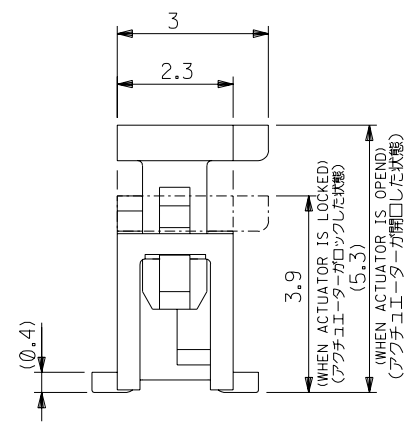
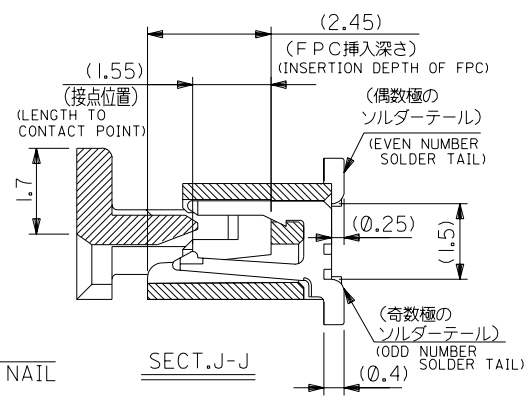
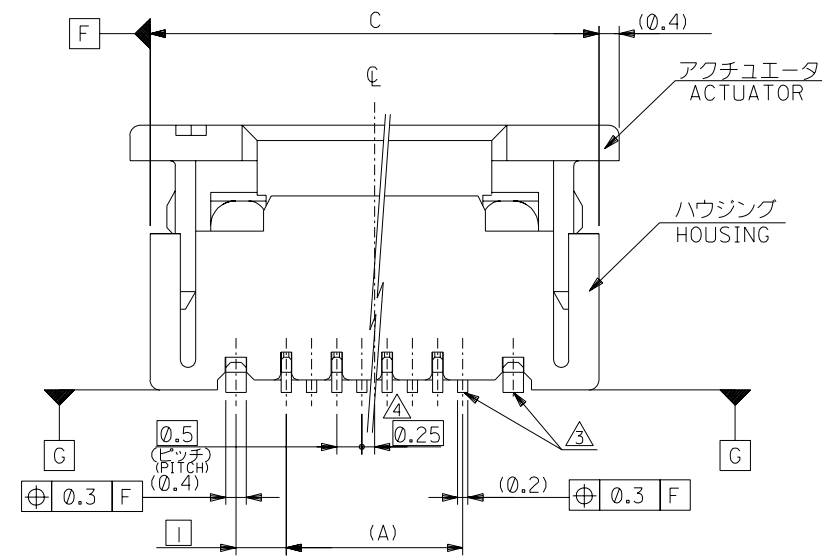
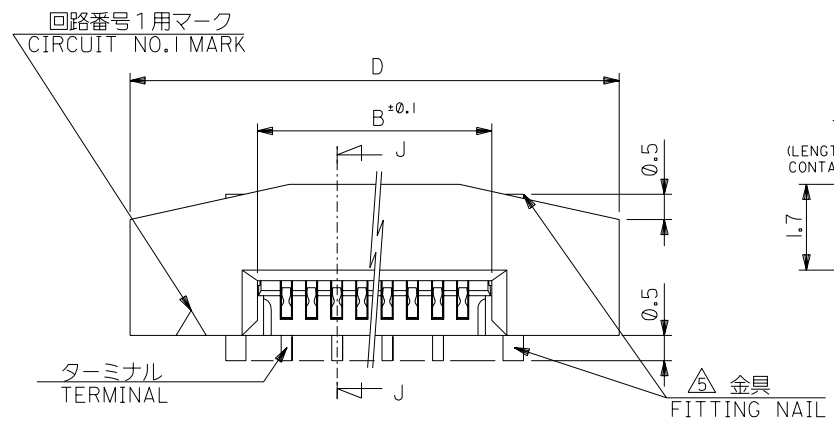
D

A

C

B

DO NOT SCALE DRAWING

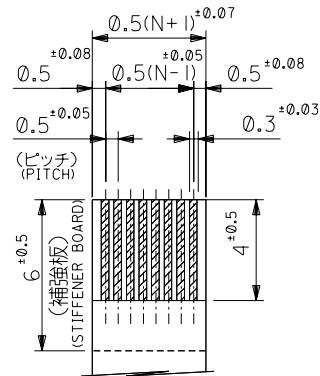


注記 NOTES

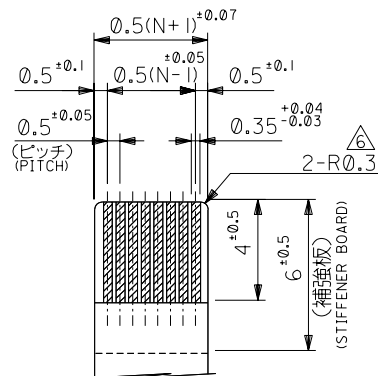
- 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
ハウジング HOUSING
アクチュエータ : PPS UL94V-0
アクチュエータ ACTUATOR
ターミナル : リン青銅 (t=0.2)
ターミナル PHOS-BRO
TERMINAL : 錫ビスマスメッキ 1.0 マイクロメートル以上
TIN-BISMUTH 1.0 MICROMETER MINIMUM
: ニッケル下地 1.0 マイクロメートル以上
NICKEL (UNDER PLATING) 1.0 MICROMETER MINIMUM
金具 : リン青銅 (t=0.4)
FITTING NAIL : PHOS-BRO
: 錫メッキ 1.0 マイクロメートル以上
TIN 1.0 MICROMETER MINIMUM
: ニッケル下地 1.0 マイクロメートル以上
NICKEL (UNDER PLATING) 1.0 MICROMETER MINIMUM
- 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.52559-**19 SHOULD BE LOCKED.
△ ソルダートール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 G に対し上方向 0.05 MAX. , 下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM G UPPER DIRECTION: 0.05 MAX. , LOWER DIRECTION: 0.15 MAX.
△ 偶数種に適用。
APPLY FOR EVEN CIRCUIT.
△ パターンはくり止め用金具。
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
△ R0.3は、FPCの導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
- 本製品は 52559-**17 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52559-**17

REVISED			MATERIAL			GENERAL TOLERANCES:			SCALE			DESIGN UNITS			TITLE:		
DRAWN: H. KAWABATA			FINISH			UNLESS SPECIFIED			—			mm			0.5 FPC Conn. Assy ZIF.		
CH'K: K. TOJO			WIRE RANGE			10 UNDER			mm			mm			-LEAD FREE-		
APPR: H. Sato			INS. RANGE			10 OVER 30 UNDER			mm			mm			MOLEX INCORPORATED		
DRAWN: H. SHIMABUKURO			WIRE RANGE			30 OVER			mm			mm			MATERIAL NO.		
CH'K: K. TOJO			WIRE RANGE			ANGLE 角度			mm			mm			DRAWING NO.		
APPR: H. Sato			WIRE RANGE			—			mm			mm			SD-52559-045		
DRAWN: H. SHIMABUKURO			WIRE RANGE			—			mm			mm			SHEET NO.		
CH'K: K. TOJO			WIRE RANGE			—			mm			mm			1 OF 2		
APPR: H. Sato			WIRE RANGE			—			mm			mm			SIZE		
DRAWN: H. SHIMABUKURO			WIRE RANGE			—			mm			mm			B		
CH'K: K. TOJO			WIRE RANGE			—			mm			mm			EN-02J(097) MXJ-54		
APPR: H. Sato			WIRE RANGE			—			mm			mm			SD-52559-045.50		

1



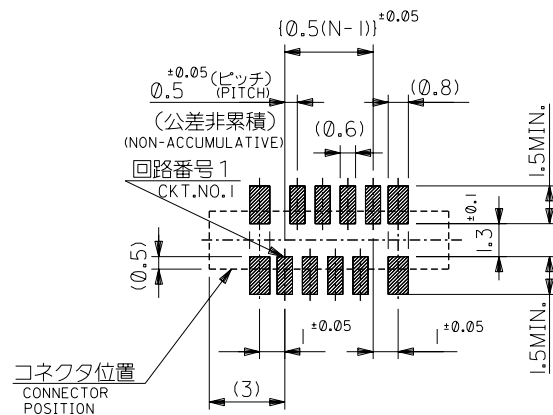
適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION.
(仕上がり厚さ: $0.3^{+0.05}$)
(THICKNESS: $0.3^{+0.05}$)



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: $0.3^{+0.05}$)
(THICKNESS: $0.3^{+0.05}$)

ABOUT FPC :
 RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
 RECOMMENDED MATERIAL :
 STIFFENER FILM : POLYIMIDE
 BONDING AGENT : THRMOSSETTING BONDING AGENT

25.7	24.9	20.65
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参考基板レイアウト
(マウント面)

RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

25.7	24.9	20.65	19.5	52559-40 19	40
23.7	22.9	18.65	17.5	-36 19	36
22.2	21.4	17.15	16.0	-33 19	33
21.7	20.9	16.65	15.5	-32 19	32
21.2	20.4	16.15	15.0	-31 19	31
20.7	19.9	15.65	14.5	-30 19	30
20.2	19.4	15.15	14.0	-29 19	29
19.7	18.9	14.65	13.5	-28 19	28
19.2	18.4	14.15	13.0	-27 19	27
18.7	17.9	13.65	12.5	-26 19	26
18.2	17.4	13.15	12.0	-25 19	25
17.7	16.9	12.65	11.5	-24 19	24
17.2	16.4	12.15	11.0	-23 19	23
16.7	15.9	11.65	10.5	-22 19	22
16.2	15.4	11.15	10.0	-21 19	21
15.7	14.9	10.65	9.5	-20 19	20
15.2	14.4	10.15	9.0	-19 19	19
14.7	13.9	9.65	8.5	-18 19	18
14.2	13.4	9.15	8.0	-17 19	17
13.7	12.9	8.65	7.5	-16 19	16
13.2	12.4	8.15	7.0	-15 19	15
12.7	11.9	7.65	6.5	-14 19	14
12.2	11.4	7.15	6.0	-13 19	13
11.7	10.9	6.65	5.5	-12 19	12
11.2	10.4	6.15	5.0	-11 19	11
10.7	9.9	5.65	4.5	-10 19	10
10.2	9.4	5.15	4.0	-09 19	9
9.7	8.9	4.65	3.5	-08 19	8
8.7	7.9	3.65	2.5	52559-06 19	6
D	C	B	(A)	MATERIAL NO.	標致

288NO. DRWN: CH'K: APPR:	289NO. DRWN: CH'K: APPR:	290NO. DRWN: CH'K: APPR:	REVISED 288TNO. J2004-3551 DRWN: H.KAWABATA '04/04/05 CH'K: K.TOJO '04/04/05 APPR: H. Sadao '04/04/05	RELEASED 288NO. J2004-1818 DRWN: H.SHIMABUKURO '04/01/07 CH'K: K.TOJO '04/01/07 APPR: H. Sadao '04/01/07	DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES FINISH 仕上 WIRE RANGE 適用電線範囲 INS. RANGE 被覆外径	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未滿 ±0.2 10 OVER 以上 30 UNDER 未滿 ±0.25 30 OVER 以上 ±0.3 ANGLE 角度 ±3°	SCALE 1:1 DESIGN UNITS ☒ mm ☐ INCH ☒ mm ☐ INCH ONLY TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE- MOLEX INCORPORATED CAD FILENAME SD-52559-045.S02 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	THIRD ANGLE PROJECTION 0.5 FPC Conn. Assy ZIF. -LEAD FREE- MOLEX INCORPORATED MATERIAL NO. SEE CHART DRAWING NO. SD-52559-045 SHEET NO. 2 OF 2	REVISION CAD ONLY