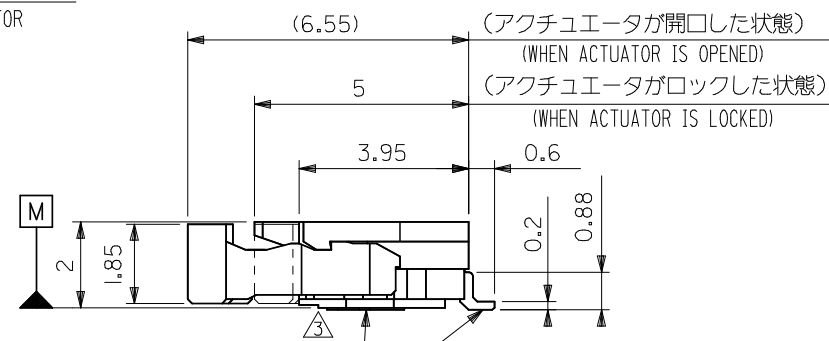
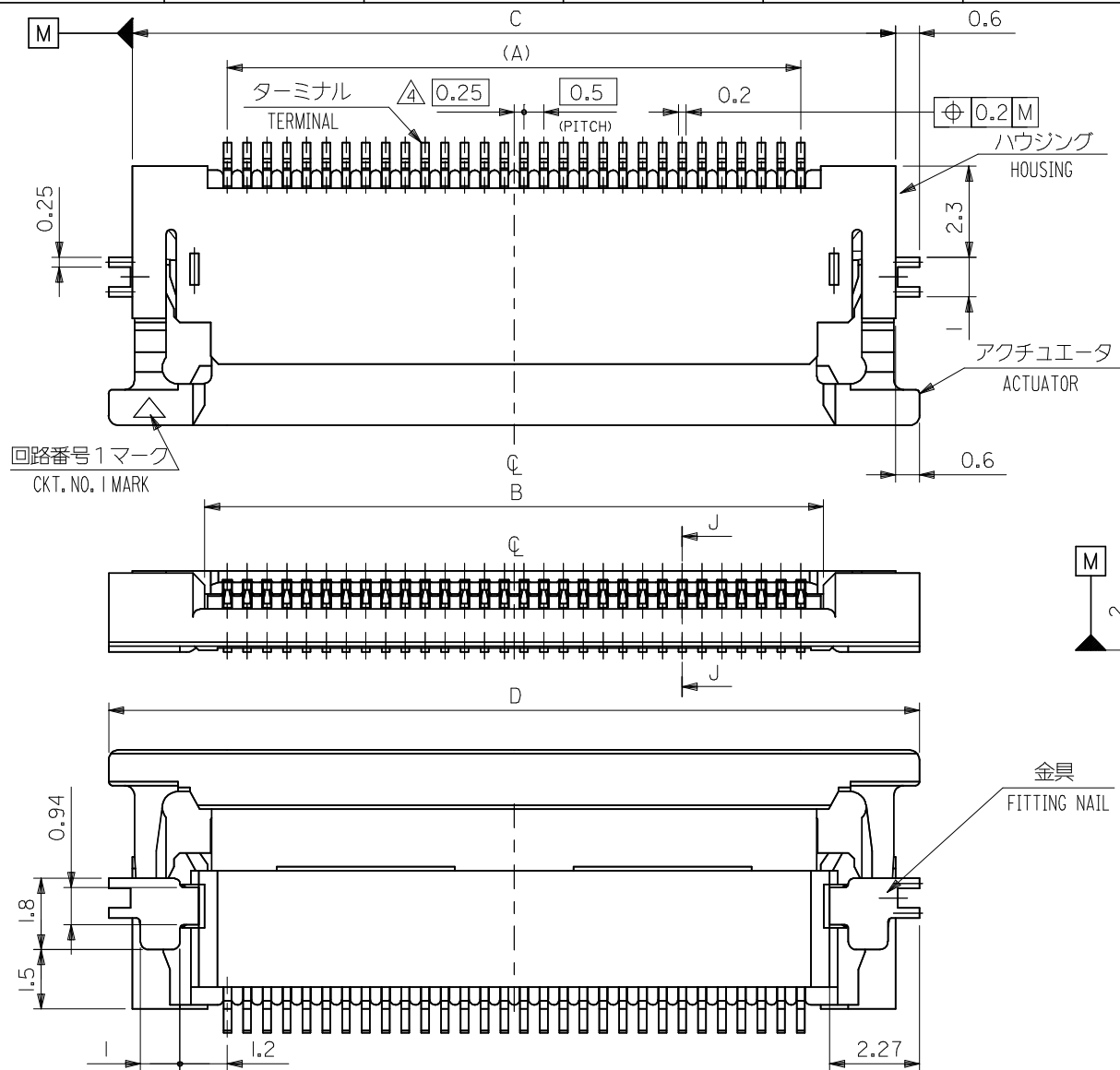
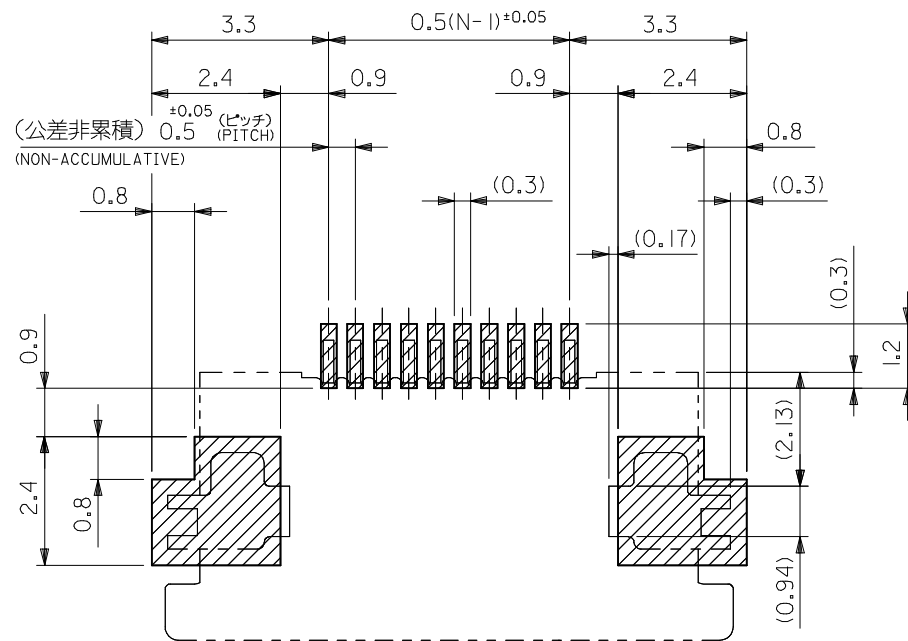


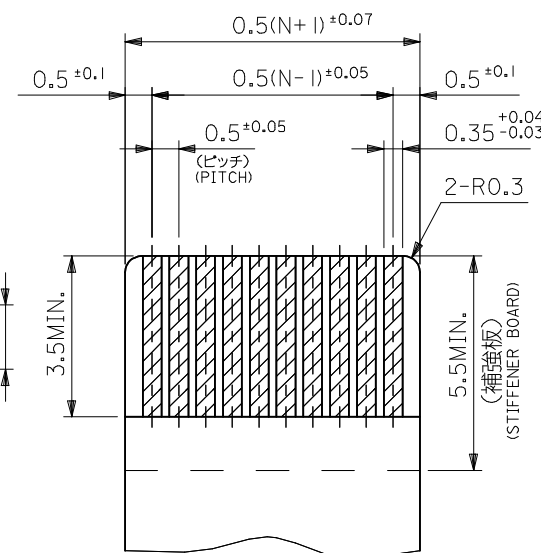


30.5	29.3	25.65	24.5	54104-5096	54104 - 5039	50
28.5	27.3	23.65	22.5	54104-4696	54104 - 4639	46
28.0	26.8	23.15	22.0	54104-4596	54104 - 4539	45
27.0	25.8	22.15	21.0	54104-4396	54104 - 4339	43
25.5	24.3	20.65	19.5	54104-4096	54104 - 4039	40
24.5	23.3	19.65	18.5	54104-3896	54104 - 3839	38
23.5	22.3	18.65	17.5	54104-3696	54104 - 3639	36
23.0	21.8	18.15	17.0	54104-3596	54104 - 3539	35
22.5	21.3	17.65	16.5	54104-3496	54104 - 3439	34
22.0	20.8	17.15	16.0	54104-3396	54104 - 3339	33
21.5	20.3	16.65	15.5	54104-3296	54104 - 3239	32
20.5	19.3	15.65	14.5	54104-3096	54104 - 3039	30
D	C	B	A	EMBOSSED TAPE	MATERIAL NO.	CIRCUIT
				ORDER No. オーダー番号		

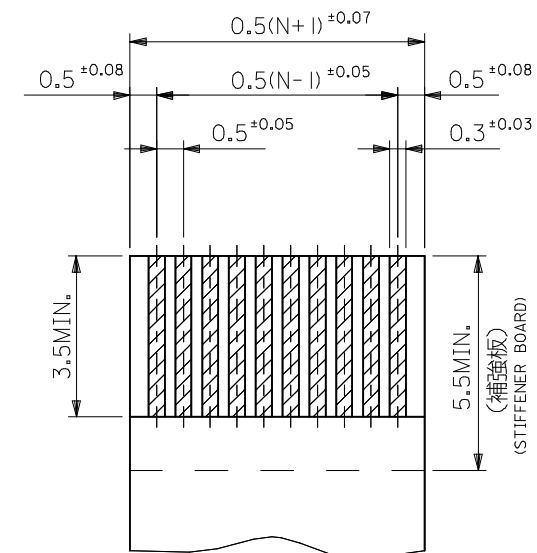
REVISED EC NO: J2008-4308 DRWN:WABEI CHKD:THARUYAMA APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY Y. SAKIYAMA	DATE '04/01/22	TITLE 0.5 FPC CONN ZIF HSG ASSY FOR SMT RA UPR CONT -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/01/22					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/01/22	molex MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54104-071		1 OF 2		
		A		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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: 0.3 ± 0.03)
(THICKNESS: 0.3 ± 0.03)



適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
(仕上がり厚さ: $0.3^{+0.03}$)
(THICKNESS: $0.3^{+0.03}$)

注記 NOTES

I. 使用材料 MATERIAL

ハウジング : 46ナイロン、UL94V-0
HOUSING 46NYLON

アクチュエータ : PPS、UL94V-0
ACTUATOR

ターミナル
TERMINAL :リン青銅、ニッケル下地 錫ビスマスメッキ (t=0.2)
PHOS-BRONZE, TIN-BISMUTH

金具 : リン青銅、ニッケル下地 錫メッキ (t=0.2)
FITTING NAIL PHOS-BRONZE, TIN OVER NICKEL PLATING. (t=0.2)

参考基板レイアウト
RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)

(マウント面)
(MOUNTING SIDE)

2. エンボステーパ梱包時は、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.54104-**39 SHOULD BE LOCKED.

△ソルダーテ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 H に対し上方向 0.1 MAX.、下方向 0.15 MAX. とし、相互のバラツキ量は、0.1 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM UPPER DIRECTION: 0.1 MAX., LOWER DIRECTION: 0.15 MAX. OFFSET BETWEEN UPPER AND LOWER 0.1 MAX. H

△ 偶数極に適用。
APPLY FOR EVEN CIRCUIT.

△5 パターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.

6. 本製品は 54104-**37 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54104-**37.

FPC/FFCについて

打抜き方向は導体側から補強板側を推奨いたします。

導体部については軟銅箔35マイクロメートルまたは50マイクロメートル
メッキ厚 3~9マイクロメートル錫または半田メッキ（電気メッキ）

RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED CONDUCTOR SPEC.:
THICKNESS OF SOFT COPPER FOIL:
35 micrometer or 50 micrometer
TIN OR SOLDER PLATING:
3 ~ 9 micrometer(ELECTRICAL PLATING)

FPCについて

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。

RECOMMENDED MATERIAL:
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

FREE OF 54104-***37.				54104-***39		MODEL NO.							
REVISED EC NO: J2008-4308 DRAWN:MMABE1 CHKD:T. HARUYAMA APPR:NUKITA 2008/06/27 2008/06/30 2008/06/30		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
		10 UNDER		± 0.2		DRAWN BY DATE Y. SAKIYAMA '04/01/22		TITLE 0.5 FPC CONN ZIF HSG ASSY FOR SMT RA UPR CONT -LEAD FREE-					
		10 OVER 30 UNDER		± 0.25		CHECKED BY DATE M. SASAO '04/01/22							
		30 OVER		± 0.3		APPROVED BY DATE M. SASAO '04/01/22							
		ANGULAR		± 3 °		MATERIAL NO.		DOCUMENT NO.		MOLEX MOLEX INCORPORATED		SHEET NO. 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-54104-071									
A		REV		SIZE A 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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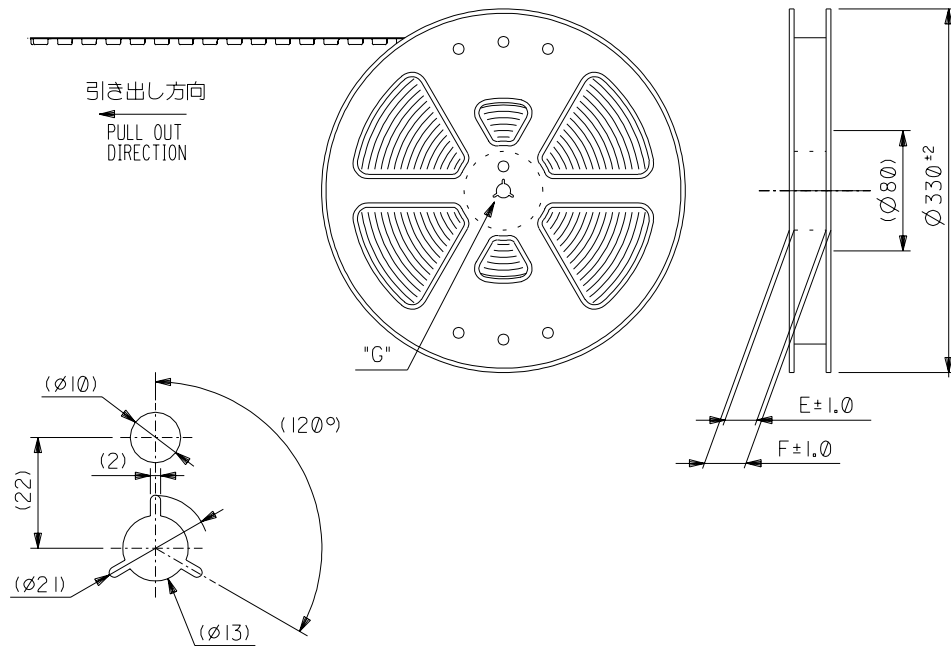
E

D

C

B

A



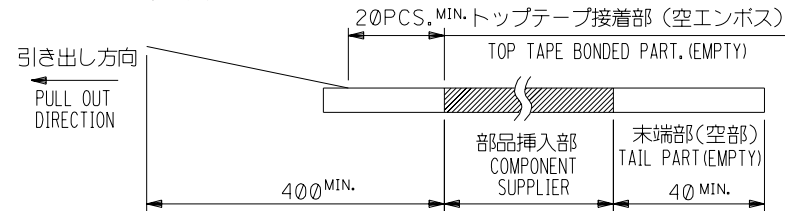
DETAIL "G"

4. 材料(MATERIAL)
キャリアテープ(CARRIER TAPE): ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE): 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 CONTAINED>

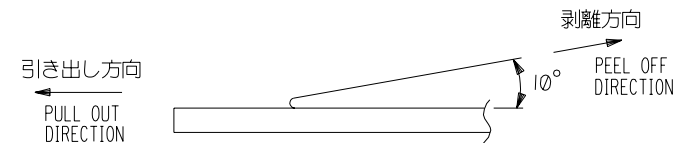
5. 本製品は 54104-***92 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54104-***92.

NOTES

1. 梱包数量: 1500個/リール
NUMBER OF CONNECTORS: 1500PCS/REEL
2. リードテープ長さ LEAD TAPE LENGTH



3. トップテープの剥離強度: 0.1 ~ 1.3N (10 ~ 130gf)
(剥離方向は下図参照)
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こと。)
PEELING OFF FORCE OF TOP TAPE: 0.1 ~ 1.3N (10 ~ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



44	49.4	45.4	30.8	31.9	26.1	29.6	54104-5096	50
			28.8	29.9	24.1	27.6	-4696	46
			28.3	29.4	23.6	27.1	-4596	45
			27.3	28.4	22.6	26.1	-4396	43
			25.8	26.9	21.1	24.6	-4096	40
			24.8	25.9	20.1	23.6	-3896	38
			23.8	24.9	19.1	22.6	-3696	36
			23.3	24.4	18.6	22.1	-3596	35
			22.8	23.9	18.1	21.6	-3496	34
			22.3	23.4	17.6	21.1	-3396	33
			21.8	22.9	17.1	20.6	-3296	32
キャリアテープ幅 CARRIER TAPE WIDTH	F	E	D	C	B	A	MATERIAL NO.	CIRCUIT

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED '04/04/21 EC NO. J2004-3918 DRWN: Y.WADA CHK: M.SASAO APPR: M.SASAO	RELEASED '04/01/22 EC NO. J2004-2032 DRWN: Y.SAKIYAMA CHK: M.SASAO APPR: M.SASAO	DESCRIPTION 材料 注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY		
						10 UNDER 未満	±0.2	DRAWN BY & DATE Y.SAKIYAMA '04/01/22		TITLE: Embstp Pkg for 0.5 FPC Conn Zif Hsg Assy -LEAD FREE-				
						10 OVER 以上 30 UNDER 未満	±0.25	CHECKED BY & DATE M.SASAO '04/01/22						
						30 OVER 以上	±0.3	APPROVED BY & DATE M.SASAO '04/01/22		MOLEX MOLEX INCORPORATED				
						WIRE RANGE 適用電線範囲	—#—	ANGLE 角度	±3°	CAD FILENAME SD-54104-072.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-54104-072	SHEET NO. 1 OF 2	
						INS. RANGE 被覆外径	—#—	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE B

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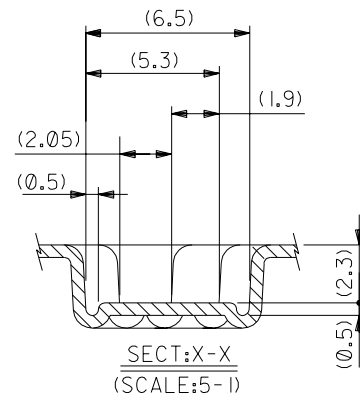
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EN-02J(097) MXJ-54



EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			EC NO. DRWN: CHK: APPR:			REVISED '04/04/21 EC NO. J2004-3918 DRWN: Y.WADA CHK: M.SASAO APPR: M.SASAO		RELEASED '04/01/22 EC NO. J2004-2032 DRWN: Y.SAKIYAMA CHK: M.SASAO APPR: M.SASAO		DESCRIPTION		MATERIAL 材料 SHEET 1 OF 2 参照 REFER TO SHEET 1 OF 2		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —		MODEL NO. DESIGN UNITS ☑mm ☐INCH		54104-***96 THIRD ANGLE PROJECTION ☉		DIMENSIONS: ☐mm INCH ☐mm INCH ☑mm ONLY		SHT REV							
									A		0		REV		FINISH 仕上付 —#—		10 UNDER 未満		±0.2		DRAWN BY & DATE Y.SAKIYAMA '04/01/22		TITLE: Embstp Pkg for 0.5 FPC Conn Zif Hsg Assy -LEAD FREE- MOLEX INCORPORATED											
													WIRE RANGE 適用電線範囲 —#—		10 OVER 以上		30 UNDER 未満		±0.25		CHECKED BY & DATE M.SASAO '04/01/22													
													INS. RANGE 被覆外径 —#—		30 OVER 以上				±0.3		APPROVED BY & DATE M.SASAO '04/01/22												CAD FILENAME SD-54104-072.S02	
																							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B	



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Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

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