

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[52435-2191](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

DWG. NO.
SD-52435-**-91

E

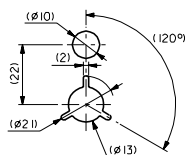
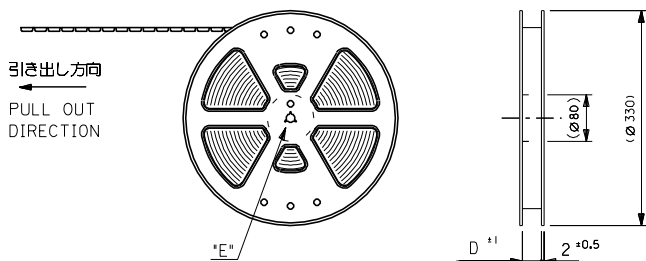
D

C

B

A

DIMENSIONS IN METRIC DO NOT SCALE DRAWING



DETAIL "E"

5. 材料 (MATERIAL)

キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)

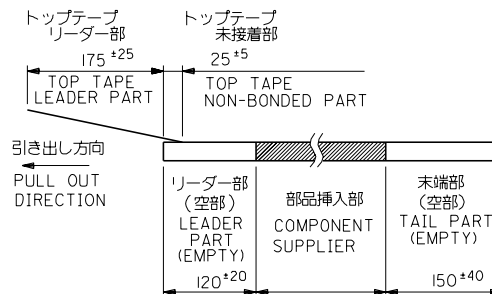
トップテープ (TOPTAPE): PET, PE, PEF

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>

注記 NOTES

- 製品番号 52435-**-27 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-52435-**-27 を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO. 52435-**-27 SHOULD BE LOCKED
RE DETAILED DIMENSIONS, SEE SD-52435-**-27
- 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)
0.1N~0.7N (10.2gf~71.4gf) 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。)

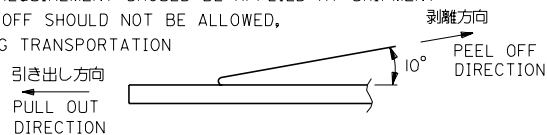
PEELING OFF FORCE OF TOP TAPE

0.1N~0.7N (10.2gf~71.4gf) (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT

PEEL OFF SHOULD NOT BE ALLOWED,

DURING TRANSPORTATION



角度 ANGLE		30°	45°	60°	75°	90°	105°	120°	135°	150°	165°	180°
30°以上	OVER	30°	45°	60°	75°	90°	105°	120°	135°	150°	165°	180°
10°以上	30°未満	10°	25°	40°	55°	70°	85°	100°	115°	130°	145°	160°
10°未満	UNDER	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
一般公差		±0.2	±0.25	±0.3	±0.35	±0.4	±0.45	±0.5	±0.55	±0.6	±0.65	±0.7
GENERAL TOLERANCES		±0.2	±0.25	±0.3	±0.35	±0.4	±0.45	±0.5	±0.55	±0.6	±0.65	±0.7
材料 MATERIAL		UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458	UC2001-0458
注記参照		SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES
仕上げ FINISH		---	---	---	---	---	---	---	---	---	---	---
適用電線範囲 WIRE RANGE		---	---	---	---	---	---	---	---	---	---	---
被覆外径 INS. RANGE		---	---	---	---	---	---	---	---	---	---	---
DRAWN BY 91/3/29		S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA	S.KAJINUMA
CHK'D BY 90/12/20		S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI	S.KUNISHI
APPR'D BY 90/12/20		M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA	M.FUKUSHIMA
DATE		---	---	---	---	---	---	---	---	---	---	---
REVISION RECORD		---	---	---	---	---	---	---	---	---	---	---
REV		---	---	---	---	---	---	---	---	---	---	---
F		---	---	---	---	---	---	---	---	---	---	---

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX (JAPAN) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

本図面は日本モレックス (株) の所有する情報を含むもので 当社の許可なく複製を禁止する。

EN-01C(032)MXJ-32

DWG. NO.
SD-52435-**-91

E

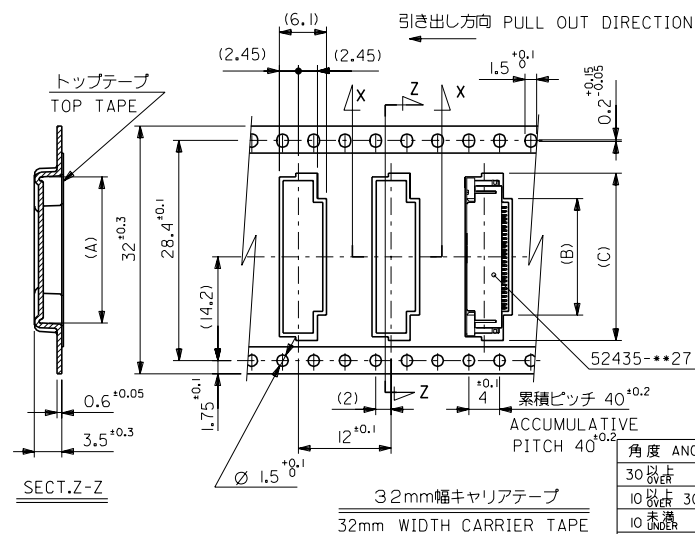
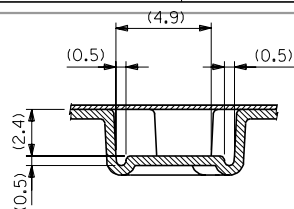
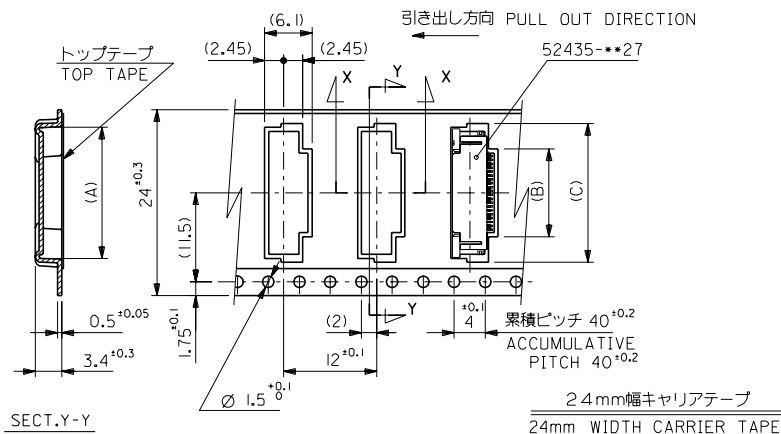
D

C

B

A

DIMENSIONS IN METRIC DO NOT SCALE DRAWING



32	33.5	22.4	15.8	21.4	52435-2991	29
		21.9	15.3	20.9	-2891	28
		21.4	14.8	20.4	-2791	27
		20.9	14.3	19.9	-2691	26
		20.4	13.8	19.4	-2591	25
24	25.5	19.9	13.3	18.9	-2491	24
		19.4	12.8	18.4	-2391	23
		18.9	12.3	17.9	-2291	22
		17.9	11.3	16.9	-2091	20
		17.4	10.8	16.4	-1991	19
		16.9	10.3	15.9	-1891	18
		16.4	9.8	15.4	-1791	17
		15.9	9.3	14.9	-1691	16
		15.4	8.8	14.4	-1591	15
		14.9	8.3	13.9	-1491	14
		14.4	7.8	13.4	-1391	13
		13.9	7.3	12.9	-1291	12
		13.4	6.8	12.4	-1191	11
		12.9	6.3	11.9	-1091	10
		12.4	5.8	11.4	-0991	9
		11.9	5.3	10.9	-0891	8
		11.4	4.8	10.4	-0791	7
		10.9	4.3	9.9	52435-0691	6

キャリアテープ幅
CARRIER TAPE WIDTH

D (C) (B) (A)

ENG. NO.

模倣
CIRCUIT

F	変更 REVISED	(J2001-0458)	100/12/15
E	変更 REVISED	(J41005)	94/12/15
D	変更 REVISED	(J40900)	94/11/11
C	変更 REVISED	(J30060)	93/11/25
B	変更 REVISED	(J20834)	92/9/14
A	変更 REVISED	(J20554)	92/11/16
O	新規作成 PROPOSED	(J10236)	91/3/25
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	日付 DATE

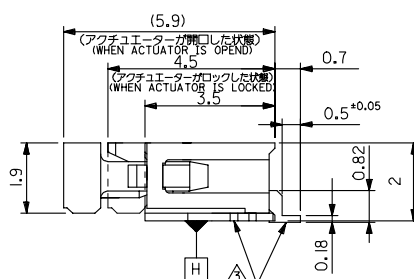
材料 MATERIAL	SHEET 1 OF 3 参照 REFER TO SHEET 1 OF 3
仕上げ FINISH	---
適用電線範囲 WIRE RANGE	---
被覆外径 INS. RANGE	---
DRAWN BY 91/3/29 S.KAJINUMA	CHK'D BY 90/12/20 S.KUNISHI
尺度 SCALE	---

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
REVISE ONLY ON CAD SYSTEM
TITLE 名称 0.5 FPC Conn ZIF SMT R/A With Tape Embstp Pkg
DWG. NO. (SHEET 2 OF 3) REV SD-52435-**-91 F

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX (JAPAN) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
本図面は日本モレックス（株）の所有する情報を含むもので 当社の許可なく複製を禁止する。

EN-01C(032)MXJ-32

EN-01C(032)MXJ-32



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 : リン青銅、半田メッキ(t=0.
 TERMINAL PHOS-BRO.TIN-LEAD
 金具 : リン青銅、半田メッキ(t=0.
 FITTING NAIL PHOS-BRO.TIN-LEAD

2. エンボステーブ梱包時は、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.52435-**27 SHOULD BE LOCKED.

△ ソルダータ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 0.15MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM H
UPPER DIRECTION: 0.1 MAX. , LOWER DIRECTION: 0.15MAX.

△ 偶数極に適用。
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.

7. ソルダータールの平坦度は、0.1 MAXIMUM とする
SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM

MODEL NO.	52435-**27
-----------	------------

REVISED	EC NO. : J2005-3592	2005/06/13	DRWNSUZUKI	2005/06/13	CH-KD-K10Y00A	2005/06/13	APPR-NIKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	MOLEX NO. : J2435-018	THIRD ANGLE PROJECTION
								10 UNDER	±0.2	DRAWN BY SKAJI NUMA	DATE 9/10/31	TITLE 0.5 FPC CONN ZIF FOR SMT R/A (UPPER CONTAT)		
								10 OVER 30 UNDER	±0.25	CHECKED BY MFUKUSHIMA	DATE 9/07/15			
								30 OVER	±0.3	APPROVED BY MFUKUSHIMA	DATE 9/07/15	MOLEX MOLEX INCORPORATED		
								ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
REV								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-52435-018	1 OF 2			
								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

E

D

C

B

A

F

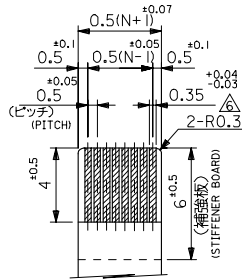
E

D

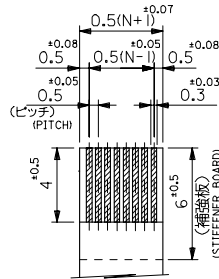
C

B

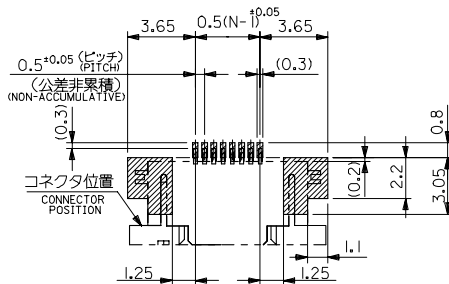
A



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})



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})



参考基板レイアウト
(マウント面)
RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

21.6	19.6	15.65	14.5	52435-3027	30
21.1	19.1	15.15	14.0	-2927	29
20.6	18.6	14.65	13.5	-2827	28
20.1	18.1	14.15	13.0	-2727	27
19.6	17.6	13.65	12.5	-2627	26
19.1	17.1	13.15	12.0	-2527	25
18.6	16.6	12.65	11.5	-2427	24
18.1	16.1	12.15	11.0	-2327	23
17.6	15.6	11.65	10.5	-2227	22
17.1	15.1	11.15	10.0	-2127	21
16.6	14.6	10.65	9.5	-2027	20
16.1	14.1	10.15	9.0	-1927	19
15.6	13.6	9.65	8.5	-1827	18
15.1	13.1	9.15	8.0	-1727	17
14.6	12.6	8.65	7.5	-1627	16
14.1	12.1	8.15	7.0	-1527	15
13.6	11.6	7.65	6.5	-1427	14
13.1	11.1	7.15	6.0	-1327	13
12.6	10.6	6.65	5.5	-1227	12
12.1	10.1	6.15	5.0	-1127	11
11.6	9.6	5.65	4.5	-1027	10
11.1	9.1	5.15	4.0	-0927	9
10.6	8.6	4.65	3.5	-0827	8
10.1	8.1	4.15	3.0	-0727	7
9.6	7.6	3.65	2.5	52435-0627	6

MODEL NO. 52435-2191

D

C

B

(A)

MATERIAL NO. 52435-0627

REVISED EC NO: J2005-3592 DRAWN BY: DWANE SUZUKI CHKD BY: YOSHIO YODA APPR: NUKITA REV	DESCRIPTION 2005/06/13 2005/06/13 2005/06/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	±0.2	DRAWN BY SKAJ INUMA	DATE 91/10/31	TITLE 0.5 FPC CONN ZIF FOR SMT R/A (UPPER CONTAT)					
		10 OVER 30 UNDER	±0.25	CHECKED BY MFUKUSHIMA	DATE 97/07/15						
		30 OVER	±0.3	APPROVED BY MFUKUSHIMA	DATE 97/07/15						MOLEX INCORPORATED
		ANGULAR ±3°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52435-018		2 OF 2			
		SIZE A3								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	