

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0528082370](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch FFC/FPC Connector, SMT, Vertical, Non-ZIF Receptacle, 23 Circuits, Lead-free

General

Product Family	FFC/FPC Connectors
Series	52808
Overview	ffc_fpc_smt
Product Name	N/A
Physical	
Circuits (Loaded)	23
Circuits (maximum)	23
Color - Resin	Natural
Contact Position	N/A
Durability (mating cycles max)	10
Entry Angle	N/A
Mated Height (in)	0.199 In
Mated Height (mm)	5.05 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52808-001
Product Specification	PS-52808-004, RPS-52808-039, RPS-52808-044, RPS-52808-045, RPS-52808-047, RPS-52808-048, RPS-52808-049
Sales Drawing	SD-52808-027, SD-52808-028

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Halogen-Free
Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[52808Series](#)

This document was generated on 06/05/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

F

E

D

C

B

A

F

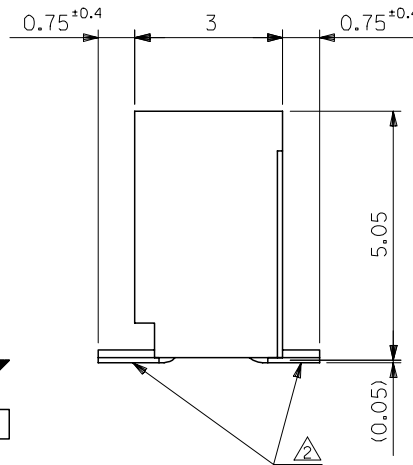
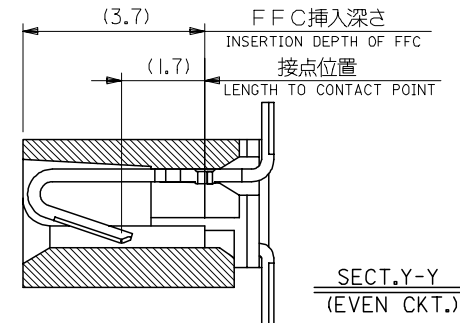
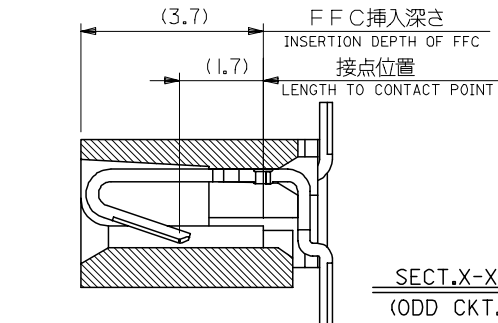
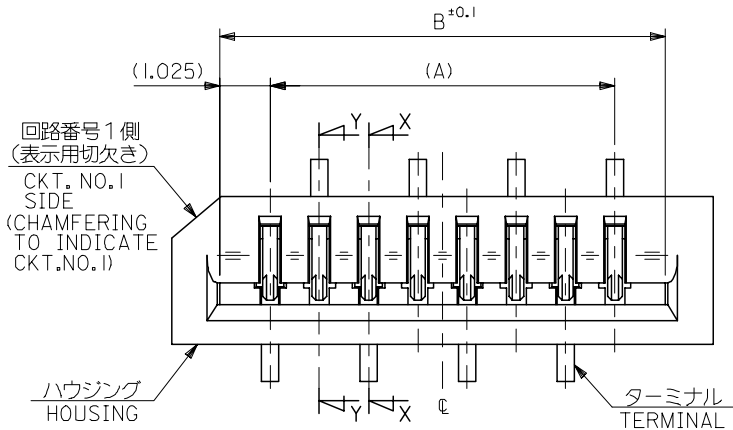
E

D

C

B

A



33	31.05	29	52808-3019	30
32	30.05	28	-2919	29
31	29.05	27	-2819	28
30	28.05	26	-2719	27
29	27.05	25	-2619	26
28	26.05	24	-2519	25
27	25.05	23	-2419	24
26	24.05	22	-2319	23
25	23.05	21	-2219	22
24	22.05	20	-2119	21
23	21.05	19	-2019	20
22	20.05	18	-1919	19
21	19.05	17	-1819	18
20	18.05	16	-1719	17
19	17.05	15	-1619	16
18	16.05	14	-1519	15
17	15.05	13	-1419	14
16	14.05	12	-1319	13
15	13.05	11	-1219	12
14	12.05	10	-1119	11
13	11.05	9	-1019	10
12	10.05	8	-0919	9
11	9.05	7	-0819	8
10	8.05	6	-0719	7
9	7.05	5	-0619	6
8	6.05	4	-0519	5
7	5.05	3	52808-0419	4

注記 NOTES:

1. 使用材料 MATERIAL

ハウジング: PPS, UL94V-0

HOUSING: PPS, UL94V-0

ターミナル: リン青銅 ($t=0.25$)

TERMINAL: PHOSPHOR BRONZE

メッキ: ニッケル下地鍍ビスマスメッキ

PLATING: TIN-BISMUTH OVER NICKEL

△基準面 [E] からのソルダーテールの半田付け面のズレ量は、上方向に0.1MAX. 下方向0.15MAX. とする。

MISALIGNMENT OF SOLDER TAIL FROM [E]: UPPER DIRECTION 0.1 MAX., LOWER DIRECTION 0.15 MAX.

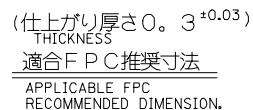
△偶数極に適用。

APPLY FOR EVEN CKT.

4. 本製品は52808-**-10の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 52808-**-10

REVISED EC NO: J2006-1497 DRWN: NABE1 CHKD: TOYODA APPR: NUKITA	DESCRIPTION 2005/11/04 2005/11/07 2005/11/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY M. NABE1	DATE '04/02/19	TITLE 1.0 FFC CONN. NON ZIF SMT. ST. -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/02/19				
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/02/19				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52808-027			1 OF 1
	A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

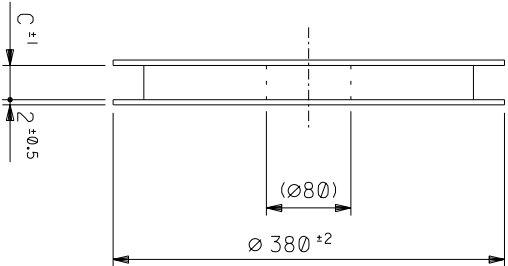
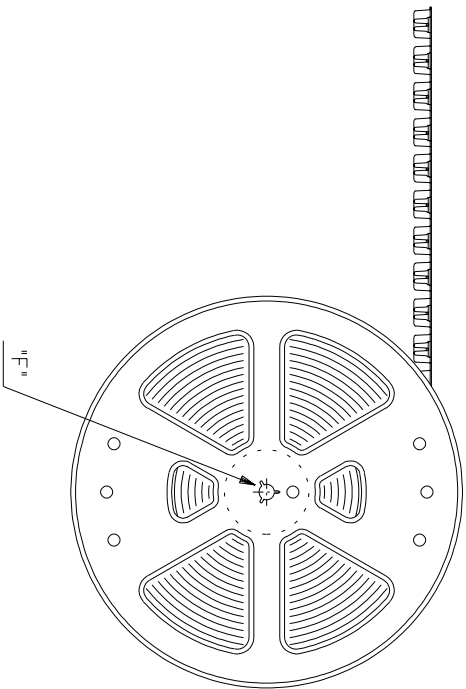


打抜き方向は、導体側から補強板側を推奨いたします。
補強フィルム材質は、ポリイミドを推奨いたします。
接着剤は、熱硬化接着剤を推奨いたします。

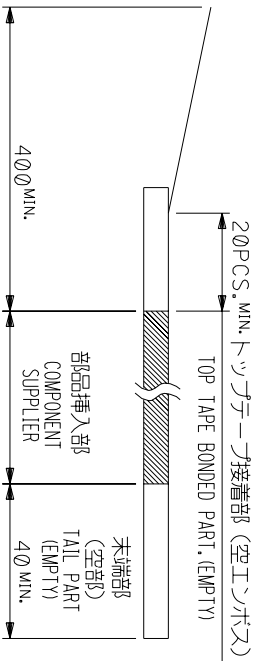
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : TERMOSETTING BONDING AGENT

REVISED EC NO: J2006-1497 DRAWN: NABEI CHK: KIKUYODA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M. NABEI	DATE '04/02/19	TITLE 1.0 FFC CONN. NON ZIF SMT. ST. -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE '04/02/19					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '04/02/19	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52808-027		2 OF 2		
	A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

引き出し方向
PULL OUT
DIRECTION



引き出し方向
PULL OUT
DIRECTION

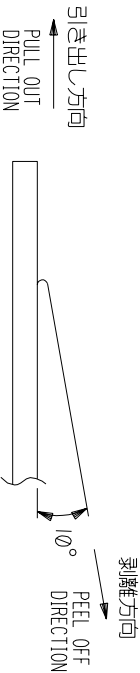


NOTES

- 製品詳細寸法については図面 SD-52808-027 を参照下さい。
RE DETAILED DIMENSION, SEE SD-52808-027
- 梱包数量: 1000個/リール
NUMBER OF CONNECTORS : 1000PCS/REEL
- リールテープ長さ LEAD TAPE LENGTH

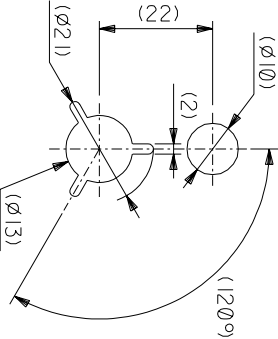
4. トッパテープの剥離強度: 0.1 ~ 1.3N (10 ~ 130gf)

(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.



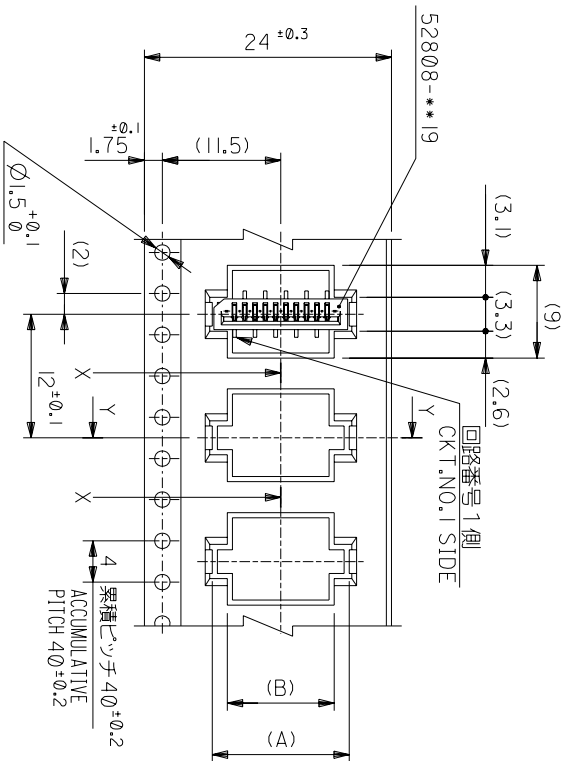
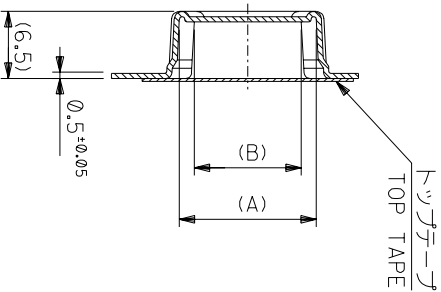
- 材料(MATERIAL)
キャリアテープ(CARRIER TAPE): ポリプロピレン(POLYPROPYLENE)
トッパテープ(TOPTAPE): PET, PE, PEF
リール(REEL): ポリスチレン(PS) <リサイクル材を含む>
POLYSTYREN(PS) RECYCLE MATERIAL CONTAINED>
- 本製品は52808-**-90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52808-**-90

DETAIL "F"



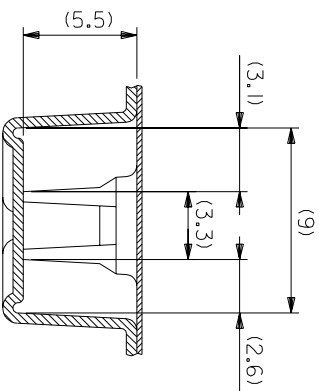
角度	ANGLE	°
30以上	30	0.3
100以上	100	0.25
未満	未満	0.2
10 UNDER	10 UNDER	0.2

材料	MATERIAL	注記参照	材料	注記参照
SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES	SEE NOTES
仕上げ	FINISH	—	仕上げ	FINISH
適用電線範囲	適用電線範囲	—	適用電線範囲	適用電線範囲
密着外径	密着外径	—	密着外径	密着外径
INS. RANGE	INS. RANGE	—	INS. RANGE	INS. RANGE
DRAWN BY	W/M/2/9	CHK'D BY	W/M/2/9	CHK'D BY
APP'D BY	M.NABEI	SCALE	M.SASAO	SCALE
DWG. NO.	SD-52808-028	(SHEET 1 OF 6)	REV	0



SECT:Y-Y

引き出し方向
PULL OUT DIRECTION

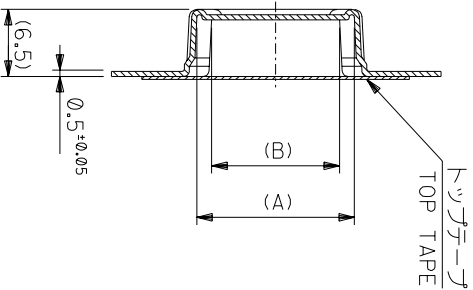


SECT:X-X
(SCALE:4-1)

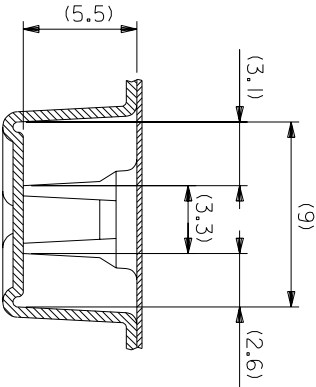
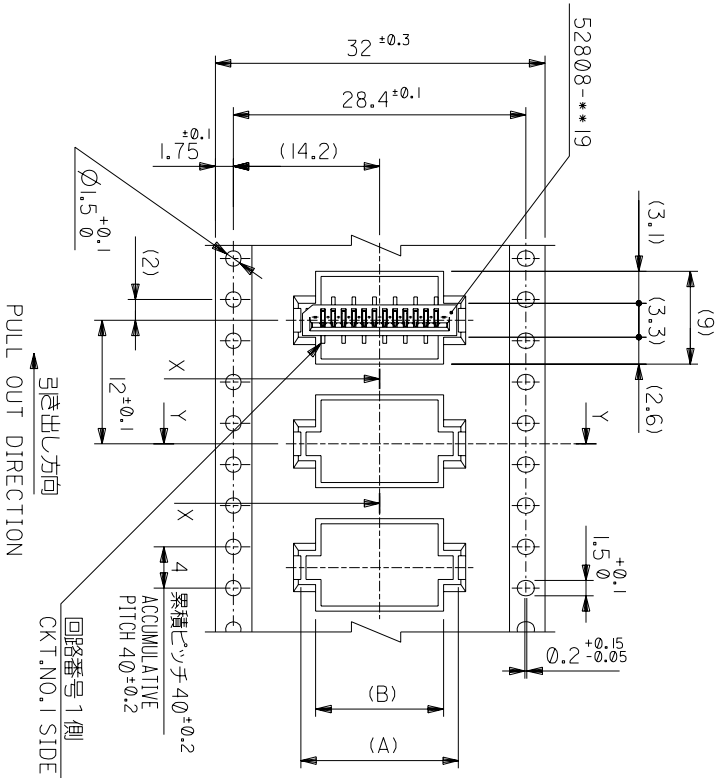
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

MODEL NO.	52808-***70	キャリアテープ幅 CARRIER TAPE WIDTH	24	25.5	10.4	13.3	52808-1070	10
					9.4	12.3	52808-0970	9
					8.4	11.3	52808-0870	8
					7.4	10.3	52808-0770	7
					6.4	9.3	52808-0670	6
								極数 CKT.

材料 MATERIAL	SHEET 10F 6 参照 REFER TO SHEET 10F 6	仕上げ FINISH	—#—	適用電線範囲 WIRE RANGE	—#—	極数 PIN RANGE	—#—	DRAWN BY 04/02/19 CHK'D BY 04/02/19 M.NABEI M.SASAO	尺度 SCALE	—#—	DWG. NO. SD-52808-028	(SHEET 3 OF 6) REV	0
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR- CHK.	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE



SECT:Y-Y



SECT:X-X
(SCALE:4-1)

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

角度	ANGLE
30°以上	30°
10°以下	10°
未指定	未指定
10°以下	10°
未指定	未指定

記号	変更内容	DR-CHK.	DATE
0	新規作成 (12004-2528)	M.N.	M/W/2/9
0	リリース	M.S.	M/S/2/9
0	変更内容	DR-CHK.	DATE

MODEL NO.	キャリアテープ幅	C	(B)	(A)	MATERIAL NO.	種数
52808-**-70	32	33.5	15.4	18.3	52808-1570	15
			14.4	17.3	52808-1470	14
			13.4	16.3	52808-1370	13
			12.4	15.3	52808-1270	12
			11.4	14.3	52808-1170	11

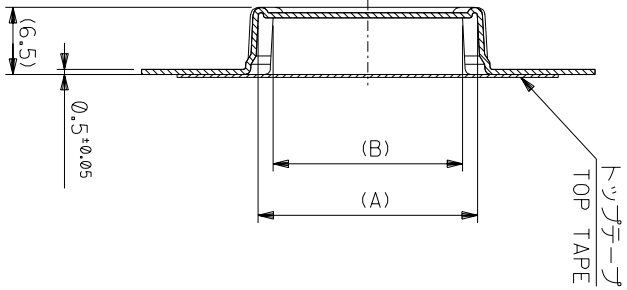
材料 MATERIAL SHEET 10F 6 参照
REFER TO SHEET 10F 6

仕上げ FINISH
適用電線範囲 INS. RANGE
—#—

描き外径 DRAWN BY M/W/2/9 CHK'D BY M/W/2/9
M.NABEI M.SASAO

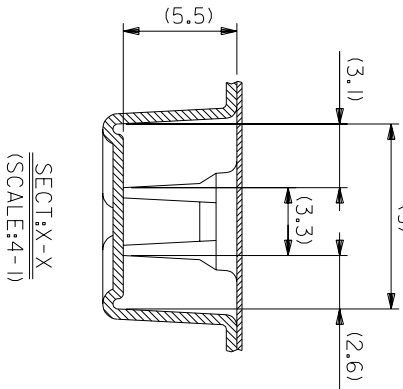
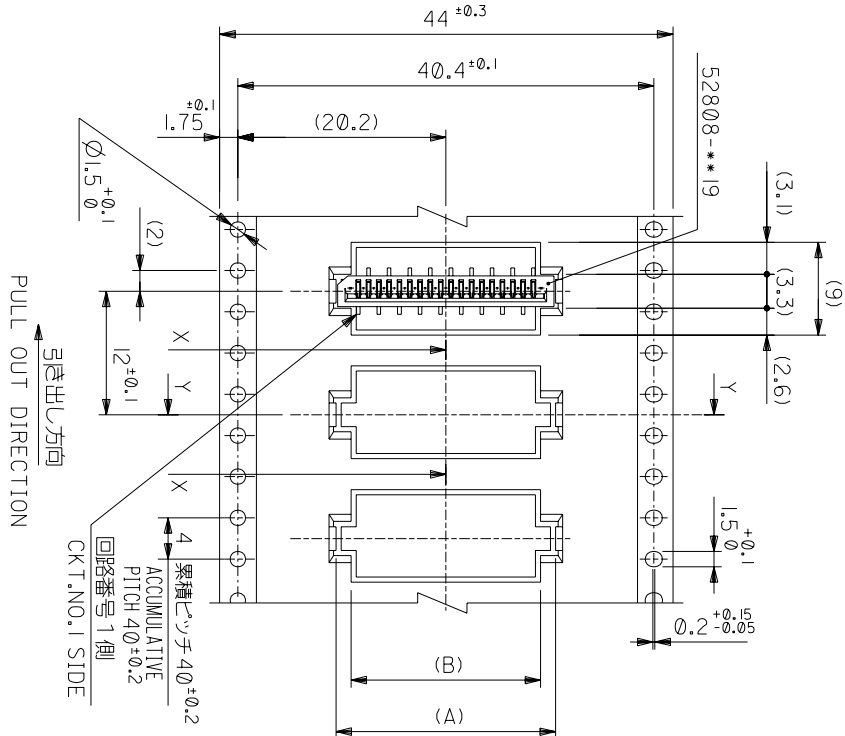
尺度 SCALE —#—
M.SASAO

DWG. NO. (SHEET 4 OF 6) REV
SD-52808-028



SECT:Y-Y

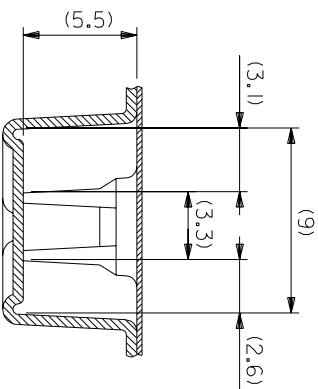
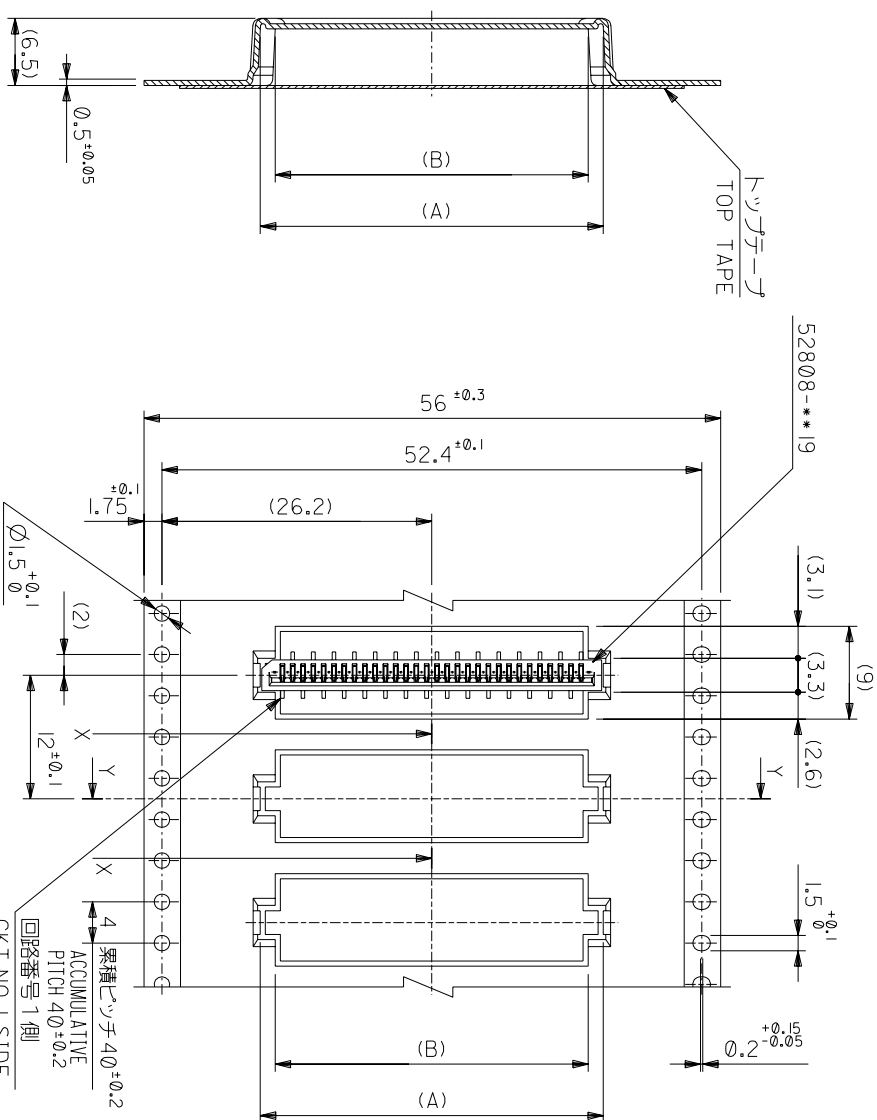
44mm幅キヤリタテープ
44mm WIDTH CARRIER TAPE



SECT:X-X
(SCALE:4-1)

MODEL NO.	52808-**-70	キャリアテープ幅 CARRIER TAPE WIDTH	44	45.5	28.4	31.3	52808-2870	28
					27.4	30.3	52808-2770	27
					26.4	29.3	52808-2670	26
					25.4	28.3	52808-2570	25
					24.4	27.3	52808-2470	24
					23.4	26.3	52808-2370	23
					22.4	25.3	52808-2270	22
					21.4	24.3	52808-2170	21
					20.4	23.3	52808-2070	20
					19.4	22.3	52808-1970	19
					18.4	21.3	52808-1870	18
					17.4	20.3	52808-1770	17
					16.4	19.3	52808-1670	16
								極数 CKT.

材料 MATERIAL		SHEET 1 OF 6 参照 REFER TO SHEET 1 OF 6		MOLEX-JAPAN CO.,LTD. molex 日本モリス株式会社	
仕上げ FINISH		—#—		REVISE ONLY ON CAD SYSTEM	
適用電線範囲 WIRE RANGE		—#—		TITLE 名称 1.0 FFC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE-	
被覆外径 INS. RANGE		—#—		DWG. NO. (SHEET 5 of 6) REV SD-52808-028 0	
DRAWN BY 04/02/19 M.ABEL		CHKD BY 04/02/19 M.SASAO			
DR- 日付 CHK. DATE					
変更内容 REVISION RECORD					
記号 LTR		0			
新規格作成 (12004-2528) REFUSED		M.N. M.S.			
10 未満 10 UNDER		±0.2			
10 以上 30 UNDER		±0.25			
30 以上 30 OVER		±0.3			
角度 ANGLE		±3°			
一般公差 GENERAL TOLERANCES					



SECT:X-X
(SCALE:4-1)

(SCALE:4-1)

SECT:Y-Y

56mm幅キヤリテータ

56mm WIDTH CARRIER TAPE

	56	57.5	30.4	33.3	52808-3070	30
52808-**70			29.4	32.3	52808-2970	29
MODEL NO.	キヤリテ-テープ CARRIED TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	極数 C.T.

角度 ANGLE	3°	適用電線範圍	—#—	TITLE 名稱 1.0 FFC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE- DWG. NO. (SHEET 6 OF 6) SD-52808-028 REV. 0
30 以上	10.0	被覆外徑	—#—	
10 以上 30 以下	10.25	INS. RANGE	—#—	
10 以下	10.2	DRAWN BY 04/02/19	CHK'D BY 04/02/19	
GENERAL TOLERANCES	0	M.N.	M.S.	
一般公差	0	變更內容	變更內容	
LTR	REVISION RECORD	DATE	DATE	
DR	CHK	APP'D BY 04/02/19	APP'D BY 04/02/19	
		M.S.A.S.A.O	M.S.A.S.A.O	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX/JAPAN AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
 本図面は日本モリス(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(0321MX)-32

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9