

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0528082570](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch FFC/FPC Connector, SMT, Vertical, Non-ZIF Receptacle, 25 Circuits, Lead-free

General

Product Family	FFC/FPC Connectors
Series	52808
Overview	ffc_fpc_smt
Product Name	N/A
Physical	
Circuits (Loaded)	25
Circuits (maximum)	25
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 Reviewed

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

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F

E

D

C

B

A

F

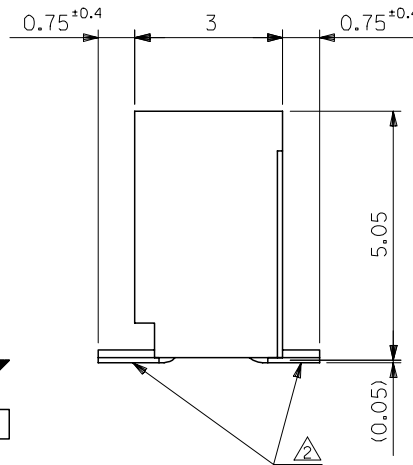
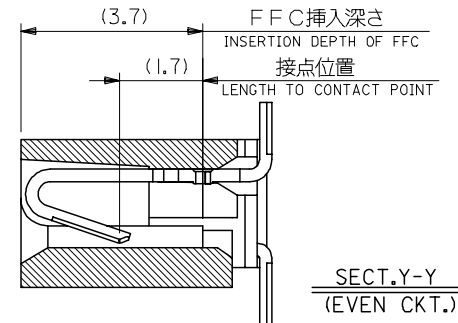
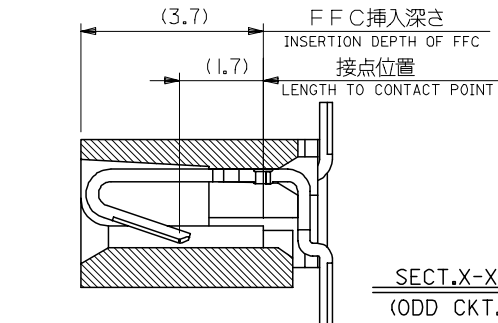
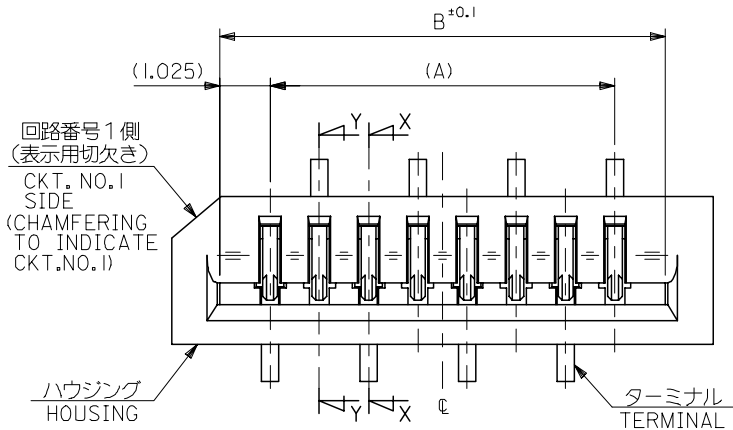
E

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.

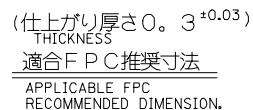
△偶数極に適用。

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

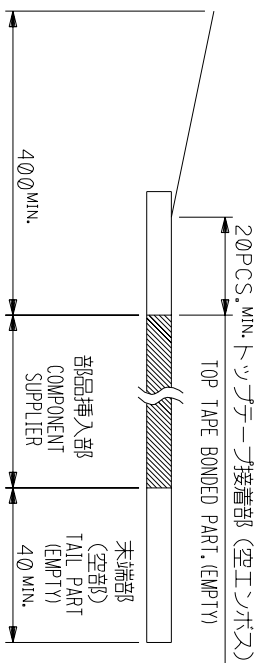
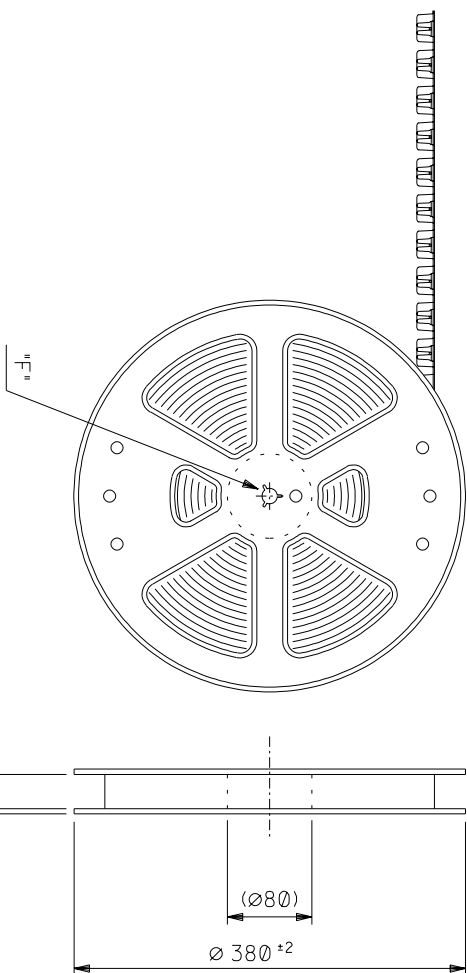
REVISED EC NO: J2006-1497 DRWN: NABE1 CHKD: TOYODA APPR: NUKITA A	DESCRIPTION 2005/11/04 2005/11/07 2005/11/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NABE1	DATE '04/02/19	TITLE 1.0 FFC CONN. NON ZIF SMT. ST. -LEAD FREE- MOLEX INCORPORATED				
		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		
	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

tb_frame_A3_J_ME_S
Rev. D 2004/04/02



NOTES

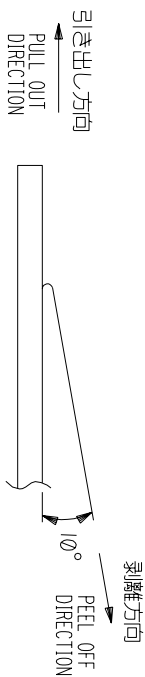
1. 製品詳細方法については図面 SD-52808-027 を参照下さい。
RE DETAILED DIMENSION, SEE SD-52808-027
2. 梱包数量: 10000個/リール
NUMBER OF CONNECTORS : 1000PCS/REEL
3. リーダーテープ長さ LEAD TAPE LENGTH

4. トリプターズの剥離強度: 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.



5. 材料(MATERIAL)

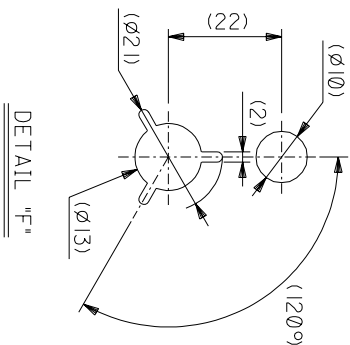
キャリアテープ(CARRIER TAPE): ポリプロピレン(POLYPROPYLENE)

トッパテープ(TOPTAPE): PET, PE, PEF

ポリスチレン (PS) <1>サイクル材を含む>

POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

6. 本製品は52808-＊＊90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52808-＊＊90



角度	ANGLE	°
30 以上		≥ 30
10 以上 30 未満		10 ≤ < 30
10 未満		< 10

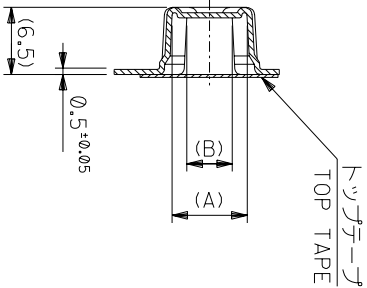
一般公差
GENERAL TOLERANCES

[illegible]

MODEL NO.	52808-**-70
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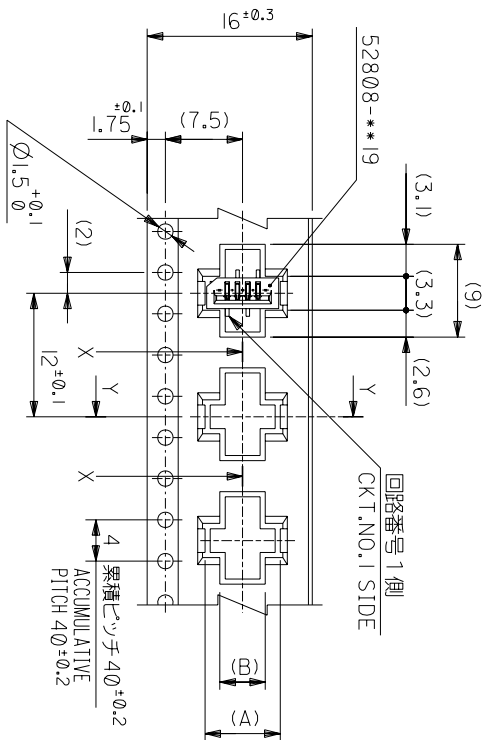
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EN-01032MXJ-32

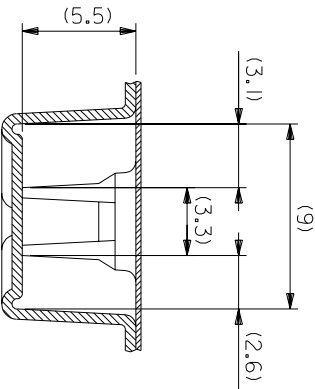


SECTION-Y-Y

16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

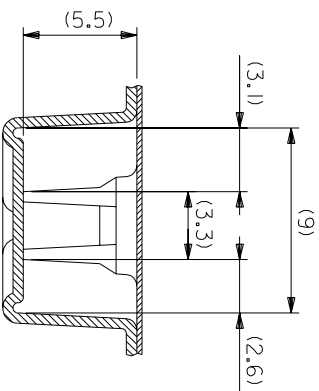
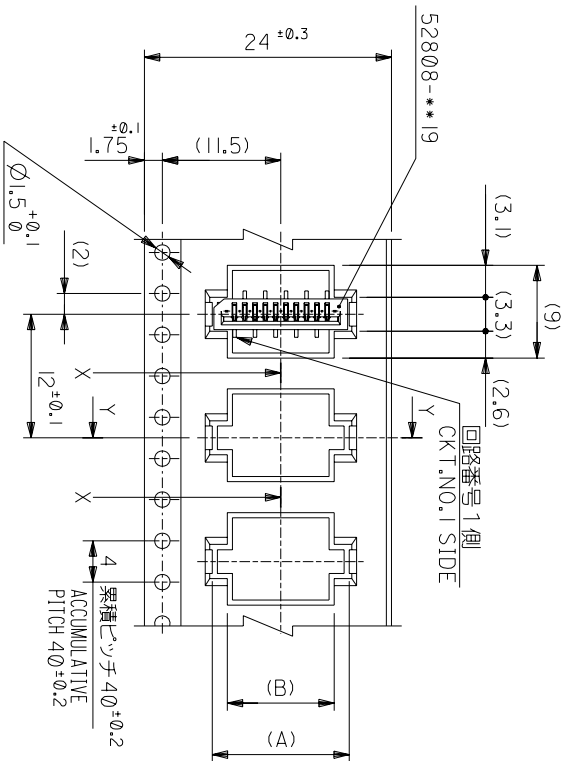
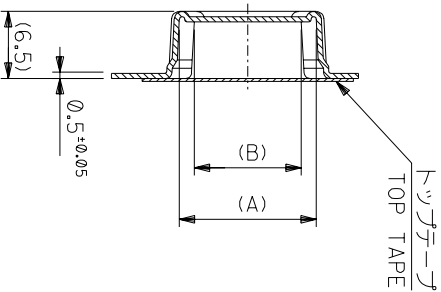


引き出し方向
PULL OUT DIRECTION



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

52808-**-70		16		17.5	5.4	8.3	52808-0570	5
MODEL NO.		キャリアテープ幅 CARRIER TAPE WIDTH		C	(B)	(A)	MATERIAL NO.	極数 CKT.
		材料 MATERIAL		SHEET 1 OF 6 参照 REFER TO SHEET 1 OF 6		MOLEX-JAPAN CO.,LTD. モレックス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 I.Ø FFC Conn NON ZIF		
		被覆外径 INS. RANGE		—#—		SMT ST Embstd PKG		
		DRAWN BY 04/02/19 M.NABEI		CHK'D BY 04/02/19 M.SASAO		DWG. NO. (SHEET 2 OF 6) REV		
		記号 0 新規作成 (12004-2528) REFLSD 変更内容		DR- 04/02/19 CHK. M.S. 04/02/19		尺 SCALE		SD-52808-028
角 度 ANGLE		±30°						
30°以上		±0.2						
10°以上 未満		±0.25						
10°以下								
10°以下		±0.2						
GENERAL TOLERANCES		角 度 ANGLE		±30°				
		30°以上		±0.2				
		10°以上 未満		±0.25				
		10°以下						
		10°以下		±0.2				



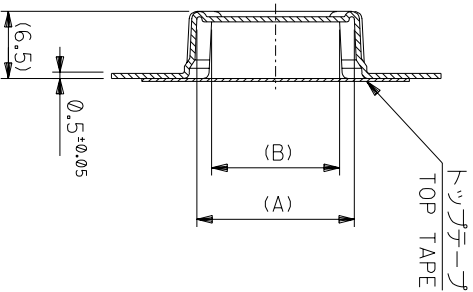
SECT:X-X
(SCALE:4-1)

SECT:Y-Y

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

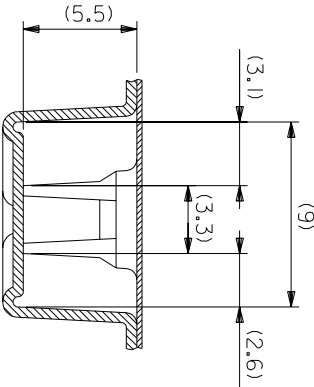
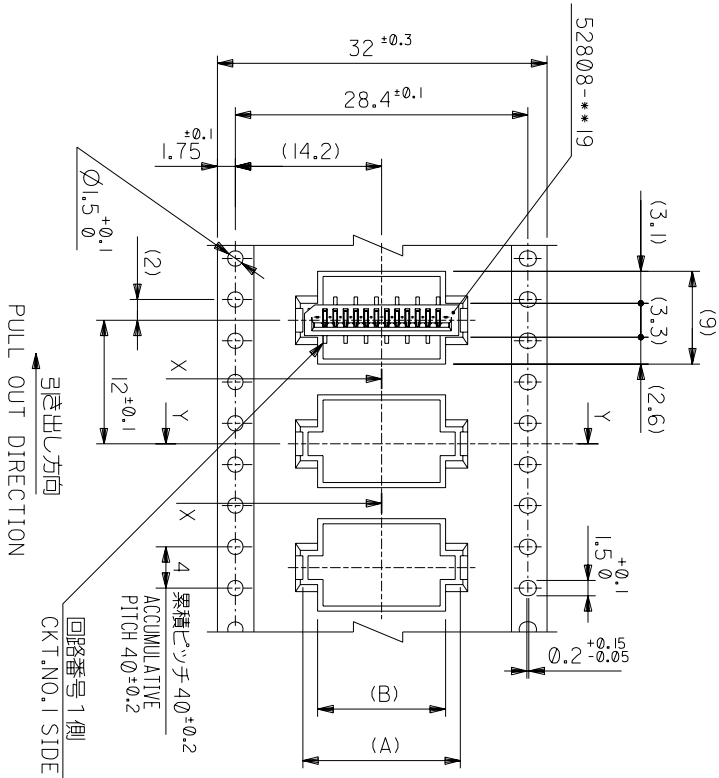
MODEL NO.	キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	極数 CKT.
52808-***70	24	25.5	10.4 9.4 8.4 7.4 6.4	13.3 12.3 11.3 10.3 9.3	52808-1070 52808-0970 52808-0870 52808-0770 52808-0670	10 9 8 7 6

角度 ANGLE	30°以上 30 DEGREE	未指定 10 DEGREE	未指定 10 UNDER	一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR- CHK.	日付 DATE	仕上げ FINISH	適用電線範囲 WIRE RANGE	極数 INS. RANGE	尺度 SCALE	材料 MATERIAL	SHEET 1 OF 6 参照 REFER TO SHEET 1 OF 6	モレックス株式会社 MOLEX JAPAN CO.,LTD.	REVISE ONLY ON CAD SYSTEM	TITLE 名称 I.O FFC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE-	DWG. NO. SD-52808-028	(SHEET 3 OF 6) REV	0
30°以上 30 DEGREE	30°	未指定 10 DEGREE	未指定 10 UNDER	±0.2	0	新規作成 (12004-2528) RELEASE	M.N. M.S.	04/02/19	仕上げ FINISH	適用電線範囲 WIRE RANGE	極数 INS. RANGE	尺度 SCALE	材料 MATERIAL	SHEET 1 OF 6 参照 REFER TO SHEET 1 OF 6	モレックス株式会社 MOLEX JAPAN CO.,LTD.	REVISE ONLY ON CAD SYSTEM	TITLE 名称 I.O FFC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE-	DWG. NO. SD-52808-028	(SHEET 3 OF 6) REV	0



SECT:Y-Y

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE



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

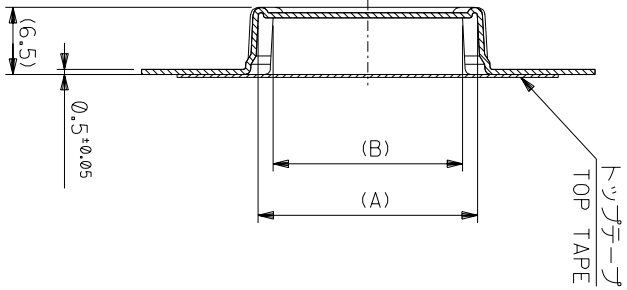
52808-**-70	MODEL NO.	キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	種数 CKT.
32	33.5	15.4	18.3	52808-1570	15		
		14.4	17.3	52808-1470	14		
		13.4	16.3	52808-1370	13		
		12.4	15.3	52808-1270	12		
		11.4	14.3	52808-1170	11		

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
DRAWN BY 04/02/19 CHK'D BY 04/02/19
M.NABEI M.SASAO
APP'D BY 04/02/19 SCALE 1/1
M.SASAO
DWG. NO. (SHEET 4 OF 6) REV 0
SD-52808-028

REVISE ONLY ON CAD SYSTEM
TITLE 名称
I.O. FCC Conn NON ZIF
SMT ST Embstp Pkg
-LEAD FREE-

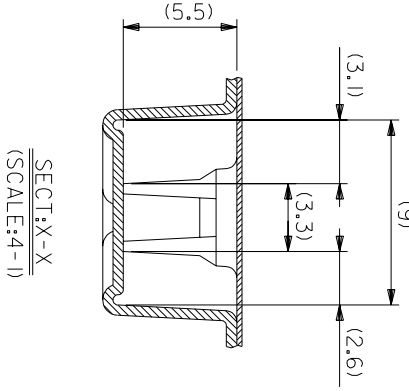
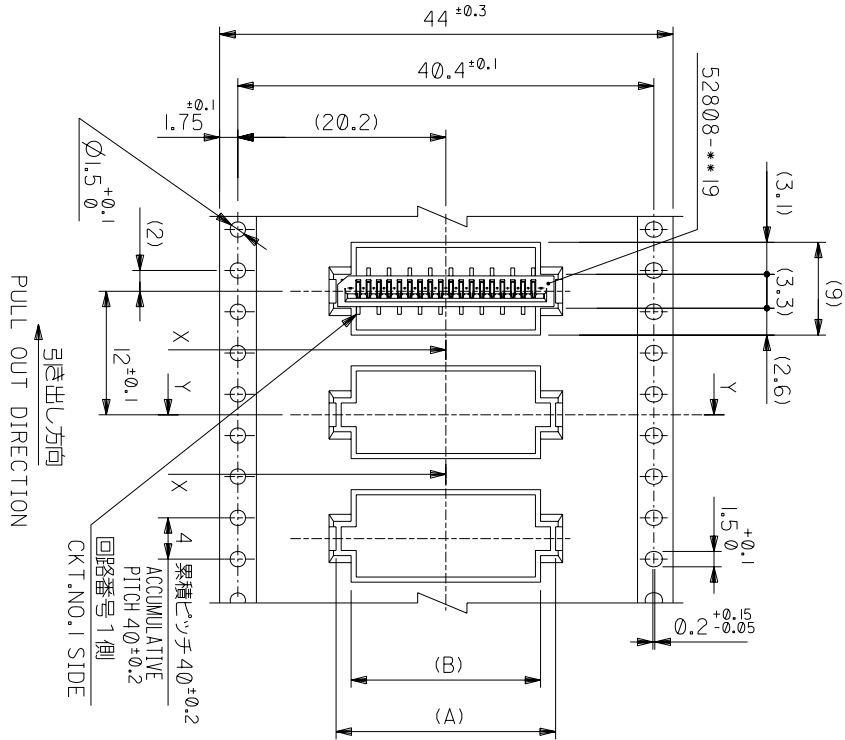
角度 ANGLE	±3°
30°以上	±0.2
10°以下	±0.25
10°以下	±0.2
10°以下	±0.2

記号	0	新規作成 (12004-2528)	変更内容	DR-CHK.	DATE
GENERAL TOLERANCES	LTIR	REVISION RECORD	DR-CHK.	DATE	



SECT:Y-Y

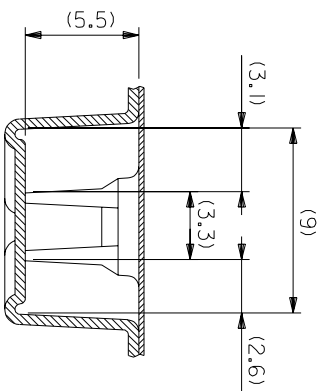
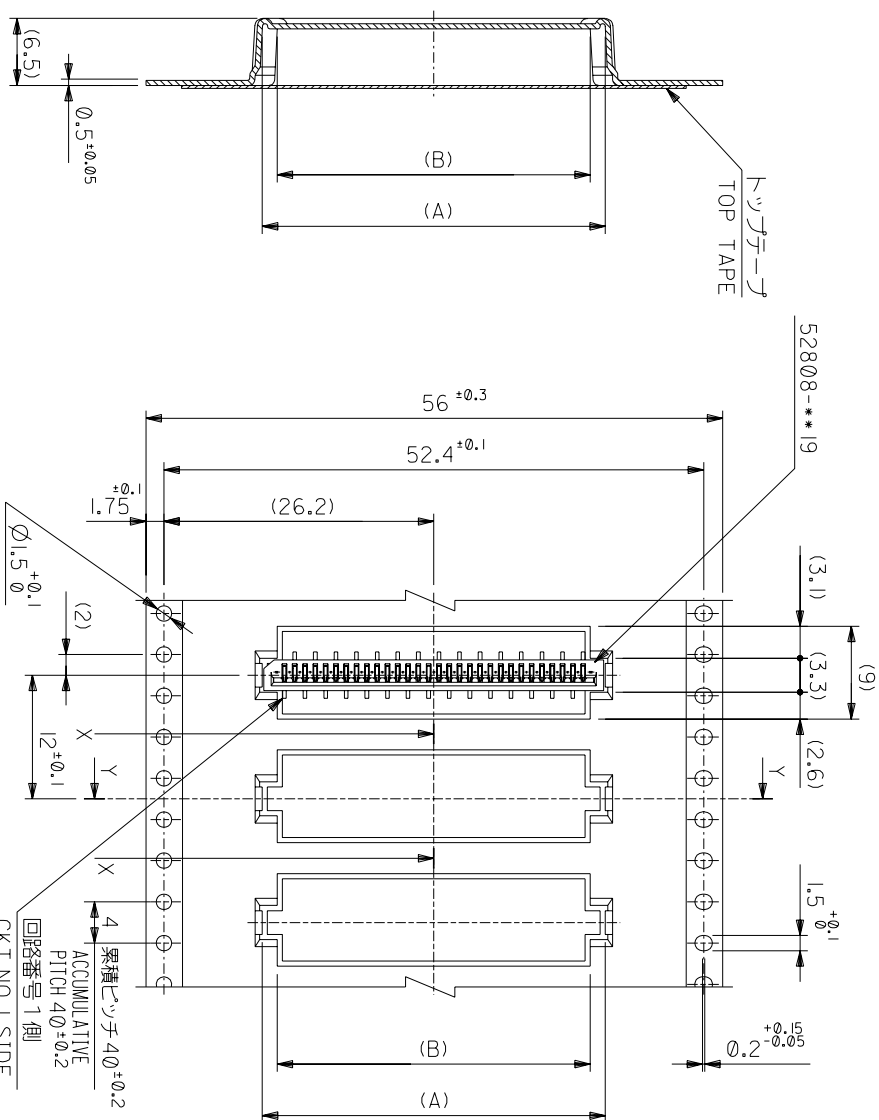
44mm幅キヤリタテープ
44mm WIDTH CARRIER TAPE



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	仕上げ FINISH	—#—	REVISE ONLY ON CAD SYSTEM	MOLEX JAPAN CO.,LTD. 日本モリス株式会社
適用電線範囲 WIRE RANGE	—#—	—#—	—#—	—#—	1.0 FFC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE-
INS. RANGE	—#—	—#—	—#—	—#—	
DRAWN BY 04/02/19 M.NABEI	CHK'D BY 04/02/19 M.SASAO	尺度 SCALE	—#—	DWG. NO. SD-52808-028	(SHEET 5 OF 6) REV 0
記号 LTR	0	変更内容 REVISION RECORD	0	DATE	
一般公差 GENERAL TOLERANCES	角度 ANGLE	30°以上 30°以下	±3°	±0.2	
	10°以下	±0.25			
	10°以下	±0.2			

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

SECT:Y-Y

56mm幅キヤリアテープ

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.	キヤリ子ノリ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	種数 CCT.

角度 ANGLE	30°	適用電線範圍 WIRE RANGE	—#—	1.0 STC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE- DWG. NO. (SHEET 6 OF 6) SD-52808-028 REV 0
30以上	0.3	被覆外径 INS. RANGE	—#—	
10以上 30 UNDER	0.25	DRAWN BY 04/02/19	CHK'D BY 04/02/19	
10 UNDER	0.2	M.N. (M, NABE)	M.S. (M, SASAO)	
GENERAL TOLERANCES	0	新規作成 (12/004-2520) REL'D		
一般公差		變更內容 LTR	DR. DATE	
REVISION RECORD		CHK. DATE	APP'D BY 04/02/19	尺度 SCALE
			M, SASAO	—#—

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 EN-01C(0321MX)-32

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

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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.

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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

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