

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0528082670](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch FFC/FPC Connector, SMT, Vertical, Non-ZIF Receptacle, 26 Circuits, Lead-free

General

Product Family	FFC/FPC Connectors
Series	52808
Overview	ffc_fpc_smt
Product Name	N/A
Physical	
Circuits (Loaded)	26
Circuits (maximum)	26
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

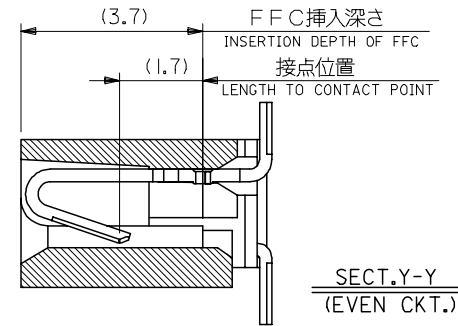
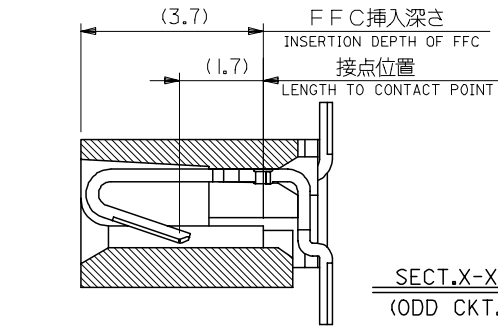
E

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.

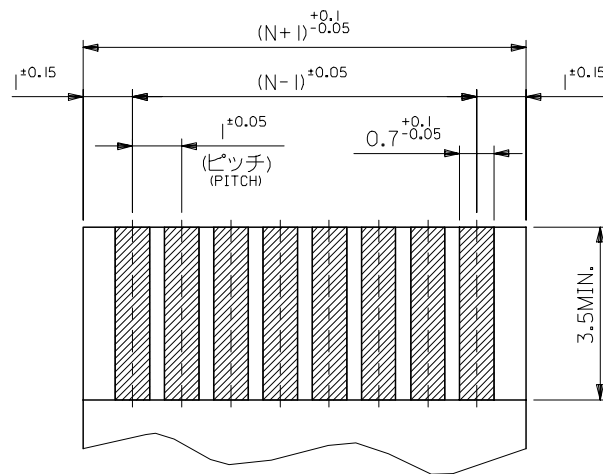
△偶数極に適用。

APPLY FOR EVEN CKT.

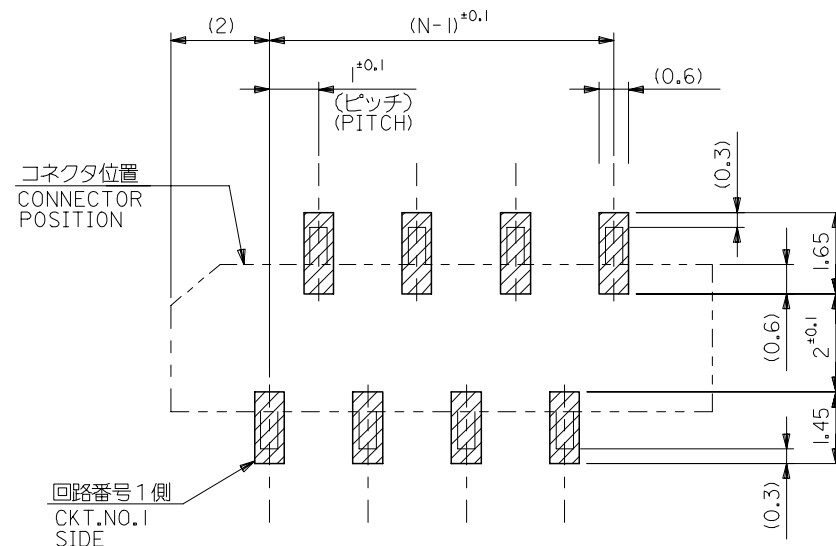
4. 本製品は52808-**-10の鉛フリー品である。

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

REVISED EC NO: J2006-1497 DRWN: NABE1 CHKD: TOYODA APPR: NUKITA	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	MOLEX MOLEX INCORPORATED				
		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								



(仕上がり厚さ 0.3 ± 0.03)
THICKNESS
適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.



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

FPC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。

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。

ABOUT FPC:

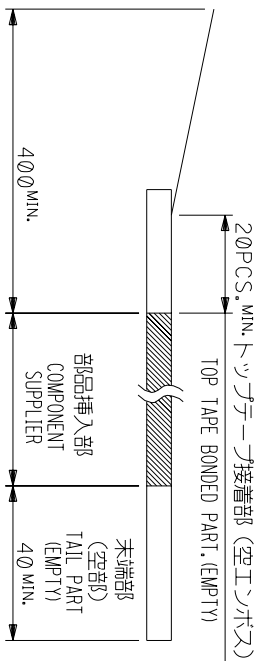
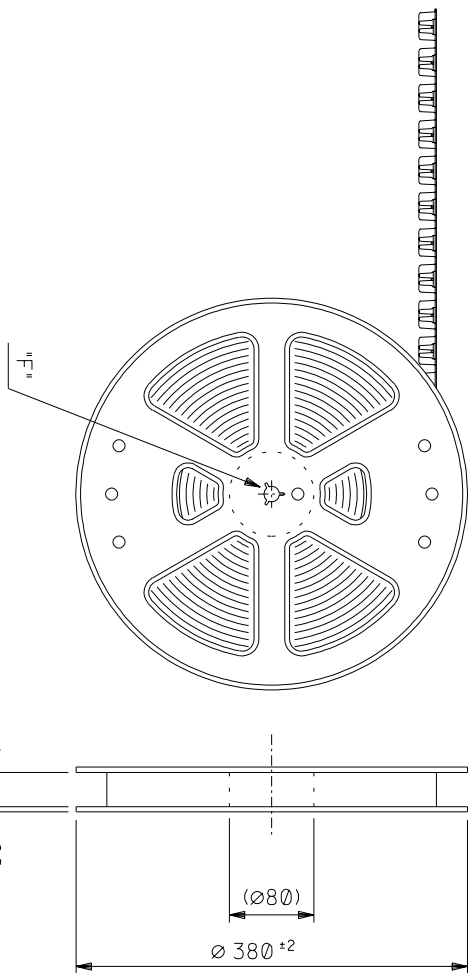
RECOMMENDED PUNCHER DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

RECOMMENDED MATERIAL:

STIFFENER FILM: POLYIMIDE

BONDING AGENT: THERMOSETTING BONDING AGENT

REVISED EC NO: J2006-1497 DRAWN:MABEI CHKD:KTOYODA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY 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		
		REV	A	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



NOTES

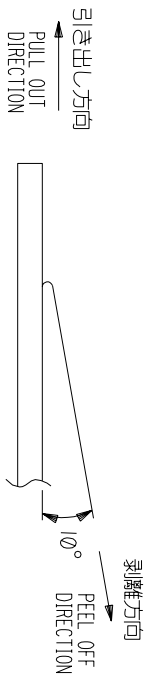
1. 製品詳細方法については図面 SD-52808-027 を参照下さい。
RE DETAILED DIMENSION, SEE SD-52808-027
2. 梱包数量: 1000個/リール
NUMBER OF CONNECTORS : 1000PCS/REEL
3. リーダーケーブル長さ LEAD TAPE LENGTH

4. トツプテアの剥離強度: 0.1 ~ 1.3N (10 ~ 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こと。)

PEELING OFF FORCE OF TOP TAPE: $0.1 \sim 1.3\text{N}$ ($10 \sim 130\text{gf}$)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)

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)

トップテープ(TOPTAPE): PET, PE, PEF

ポリスチレン (PS) <1>サイクル材を含む</p>

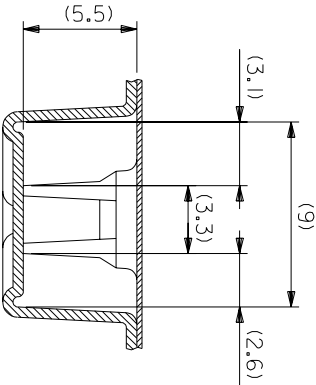
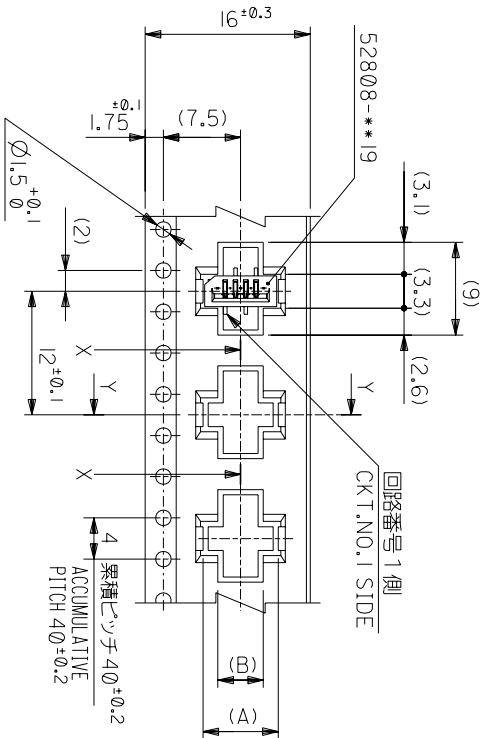
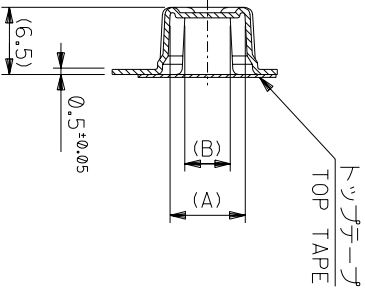
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

6. 本製品は52808-**-900の鉛71-品である。

THIS PRODUCT IS LEAD FREE OF 52808-90

52808-***70	
MODEL NO.	
 MOLEX-JAPAN CO.,LTD. (MOLEX) 日本モリス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 1.0 FFC Conn NON ZIF SMT ST Embd+D PKg -LEAD FREE-	
DWG. NO. (SHEET 1 OF 6) REV SD-52808-028 0	

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 EN-0(C)032MXJ-32



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

SECT:Y-Y

引き出し方向
PULL OUT DIRECTION

1 6mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

52808-**-70	MODEL NO.	16	17.5	5.4	8.3	52808-0570	5
	CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	種数	4

材料
MATERIAL SHEET 1 OF 6 参照
REFER TO SHEET 1 OF 6

仕上げ
FINISH —#—

適用電線範囲
WIRE RANGE —#—

挿入外径
INS. RANGE —#—

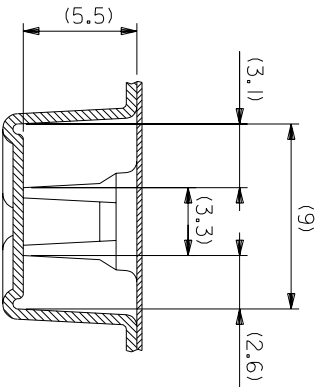
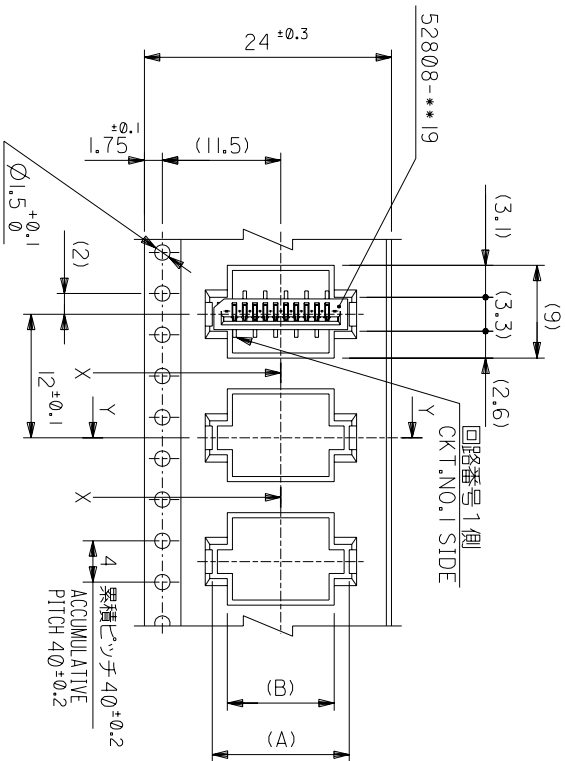
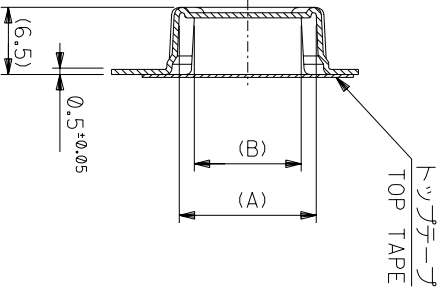
DRAWN BY 04/02/19 CHK'D BY 04/02/19
M.NABEI M.SASAO

APPR'D BY 04/02/19 尺度
M.SASAO SCALE —#—

DWG. NO. SD-52808-028 (SHEET 2 OF 6) REV

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
REVISION		変更内容	
REVISION RECORD		DR-CHK.	DATE



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

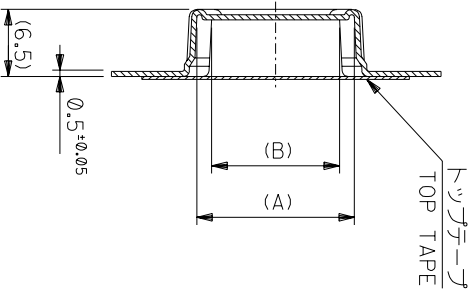
SECT:Y-Y

引き出し方向
PULL OUT DIRECTION

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

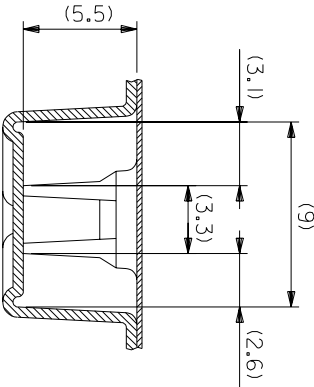
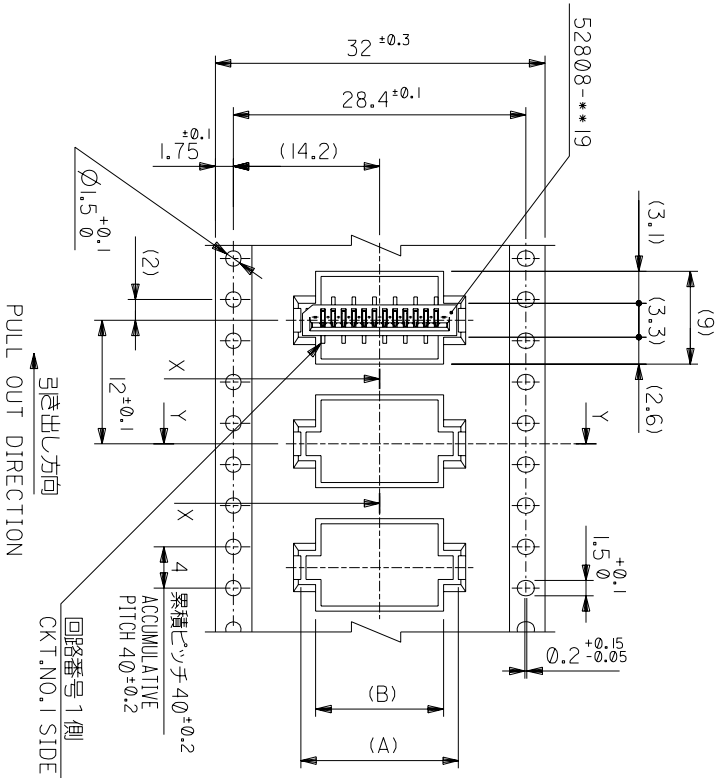
52808-***70	24	25.5	10.4	13.3	52808-1070	10
			9.4	12.3	52808-0970	9
			8.4	11.3	52808-0870	8
			7.4	10.3	52808-0770	7
MODEL NO.	キヤリヤテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	極数 Ckt.

材料			MATERIAL SHEET 1 OF 6 参照			MOLEX-JAPAN CO.,LTD.		
REFER TO SHEET 1 OF 6			仕上げ			REVISE ONLY ON CAD SYSTEM		
FINISH			適用電線範囲			TITLE 名称		
INS. RANGE			—#—			1.0 FFC Conn NON ZIF		
DRAWN BY 04/02/9			CHK'D BY 04/02/9			SMT ST Embstd Pkg		
M.NABEI			M.SASAO			-LEAD FREE-		
APP'D BY 04/02/9			M.SASAO			DWG. NO.		
M.SASAO			SCALE —#—			SD-52808-028		
DR. DATE			REV. NO.			(SHEET 3 OF 6)		
CHK. DATE			REV. NO.			0		
GENERAL TOLERANCES			角 度			ANGLE		
L.T.R.			30°			30°		
REVISION RECORD			100% 30 UNDER			100% 30 UNDER		
DR. DATE			100% 30 UNDER			100% 30 UNDER		
CHK. DATE			100% 30 UNDER			100% 30 UNDER		



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		

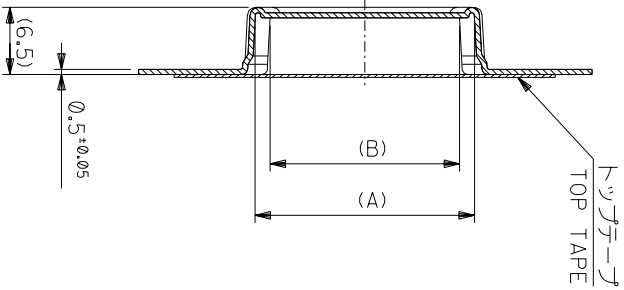
材料 MATERIAL SHEET 10F 6 参照
REFER TO SHEET 10F 6
仕上げ FINISH —#—
適用電線範囲 INS. RANGE —#—
DRAWN BY 04/02/19 CHK'D BY 04/02/19
M.NABEI M.SASAO
APP'D BY 04/02/19 SCALE —#—
M.SASAO

REVISE ONLY ON CAD SYSTEM
TITLE 名称
I.0 FFC 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

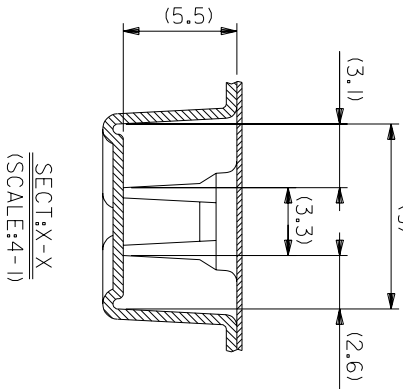
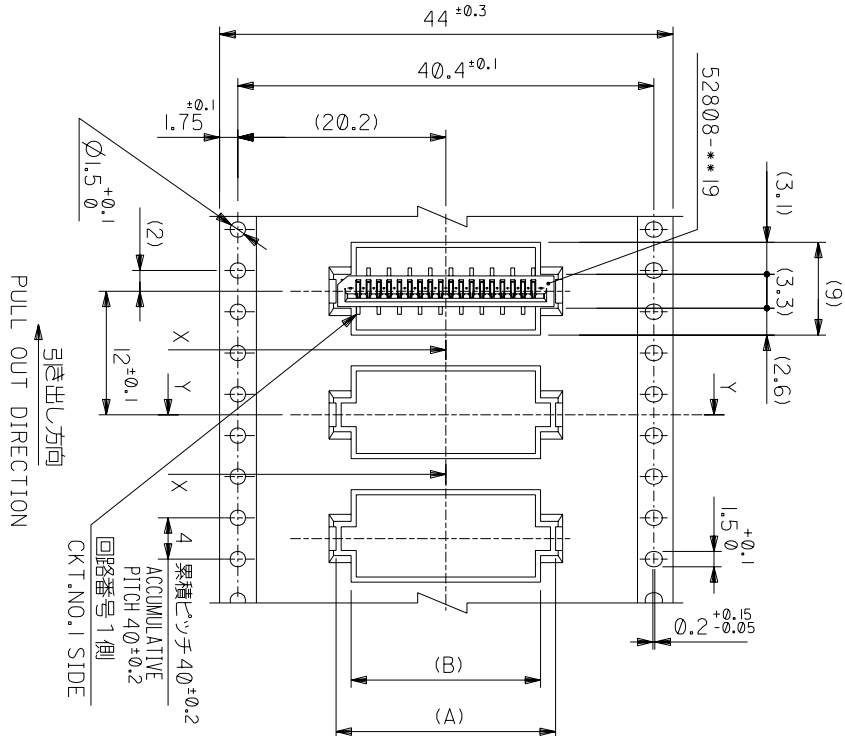
一般公差
GENERAL TOLERANCES

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



SECT:Y-Y

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE



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

MODEL NO.	キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	種数 CKT.
52808-**-70	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

材料
MATERIAL SHEET 1 OF 6 参照
REFER TO SHEET 1 OF 6

仕上げ
FINISH

適用電線範囲
WIRE RANGE

絶縁外径
INS. RANGE

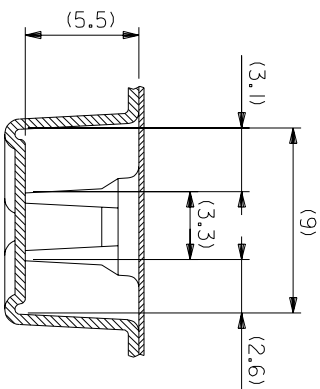
DRAWN BY 04/02/19 CHK'D BY 04/02/19
M.NABEI M.SASAO

APPROD BY 04/02/19 尺度
M.SASAO SCALE

角度 ANGLE	公差 TOLERANCE
30°以上	±3°
10°以下	±0.2
10°以下	±0.2
10°以下	±0.2

記号 LTR	変更内容 REVISION RECORD	DR- CHK.	日付 DATE
0	新規格作成 (12004-2528)		04/02/19
1	リリース		04/02/19

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SECT:Y-Y

56mm幅キヤリアテープ

56mm WIDTH CARRIER TAPE

引き出し方向
PULL OUT DIRECTION

4 累積ピッチ 40 $\pm$ 0.2
ACCUMLATIVE
PITCH 40 $\pm$ 0.2
回路番号 1 側
CKT.NO.1 SIDE

資料 MATERIAL SHEET 1 OF 6 参照
REFER TO SHEET 1 OF 6

MOLEX-JAPAN CO.,LTD.
日本モリス株式会社
(molex)

角度 ANGLE	3°	適用電線範圍 WIRE RANGE	—	TITLE 名稱 I,0 FCC Conn NON ZIF SMT ST Embstd Pkg -LEAD FREE- DWG. NO. (SHEET 6 OF 6) SD-52808-028 REV 0
30 以上	10.3	被覆外径 INS. RANGE	—	
10 以上 30 以下	10.25			
10 以下	10.2	DRAIN BY 04/02/19 M.VANBEI	CHK'D BY 04/02/19 M.SASAO	
GENERAL TOLERANCES	0	DR. / DATE	APPRO'D BY 04/02/19 M.SASAO	
一般公差	0	變更內容 REVISION RECORD	DR. / DATE	
記号	0	CHK. /		

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 EN-01032MXJ-32

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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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