

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0528082970](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch FFC/FPC Connector, SMT, Vertical, Non-ZIF Receptacle, 29 Circuits, Lead-free

General

Product Family	FFC/FPC Connectors
Series	52808
Overview	ffc_fpc_smt
Product Name	N/A
Physical	
Circuits (Loaded)	29
Circuits (maximum)	29
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

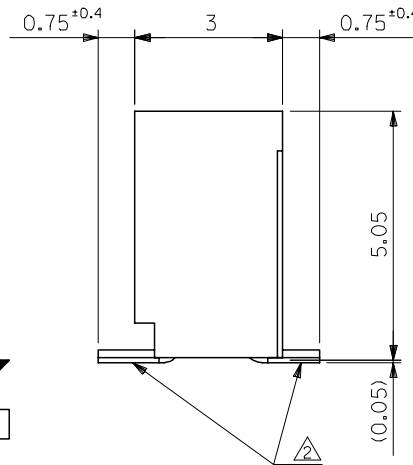
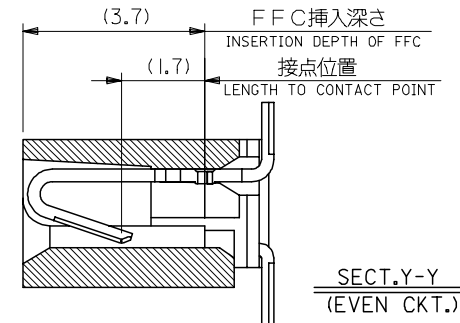
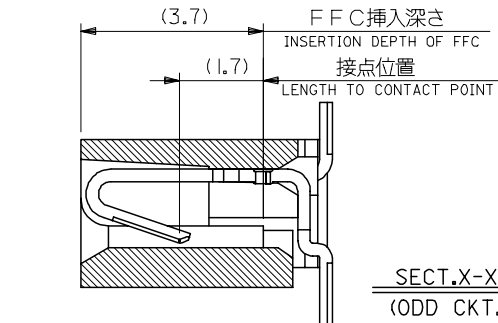
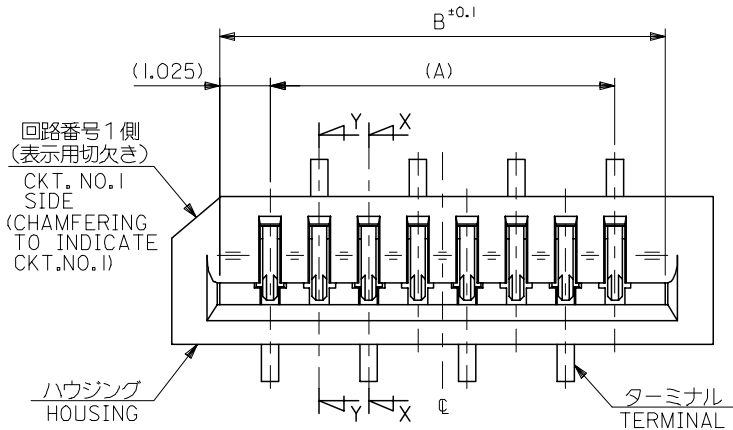
E

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: ニッケル下地鍍ピスマスメッキ

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.

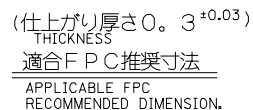
△偶数極に適用。

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

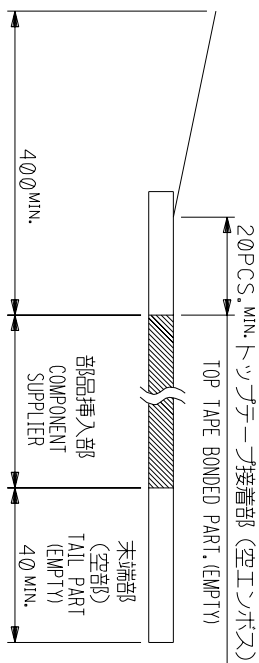
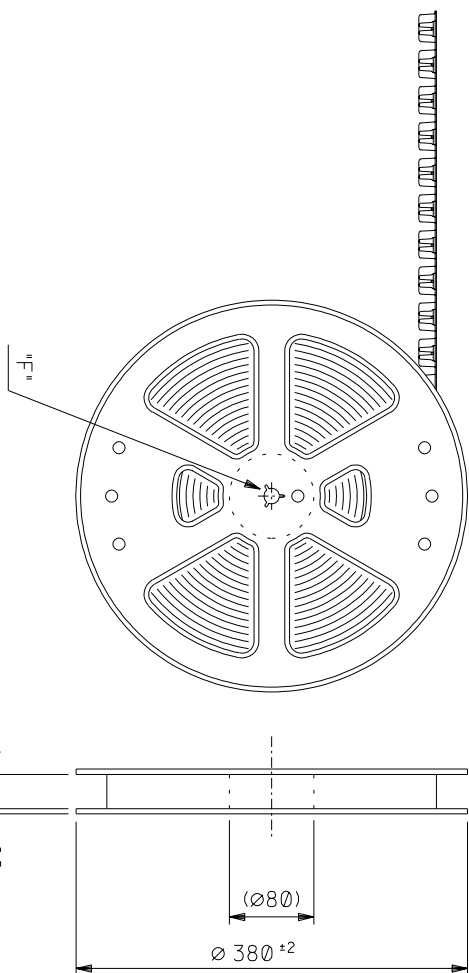
REVISED EC NO: J2006-1497 DRWN: NABE1 CHKD: TOYODA APPR: NUKITA	DESCRIPTION 2005/11/04 2005/11/07 2005/11/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NABE1	DATE '04/02/19	TITLE 1.0 FFC CONN. NON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



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)

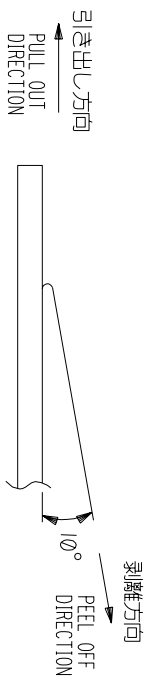
尚、本規格値は出荷時に適用。(但し、輸送時に気圧力発生しないこと。)

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.

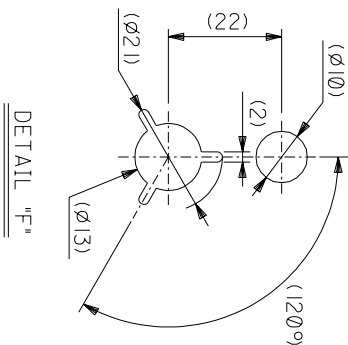
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



5. 材料(MATERIAL)

キャリアテープ(CARRIER TAPE):ポリプロピレン(POLYPROPYLENE)トッヂテープ(TOP TAPE): PET, PE, PEF
リール(REEL): ポリスチレン(PS) <リサイクル材を含む>

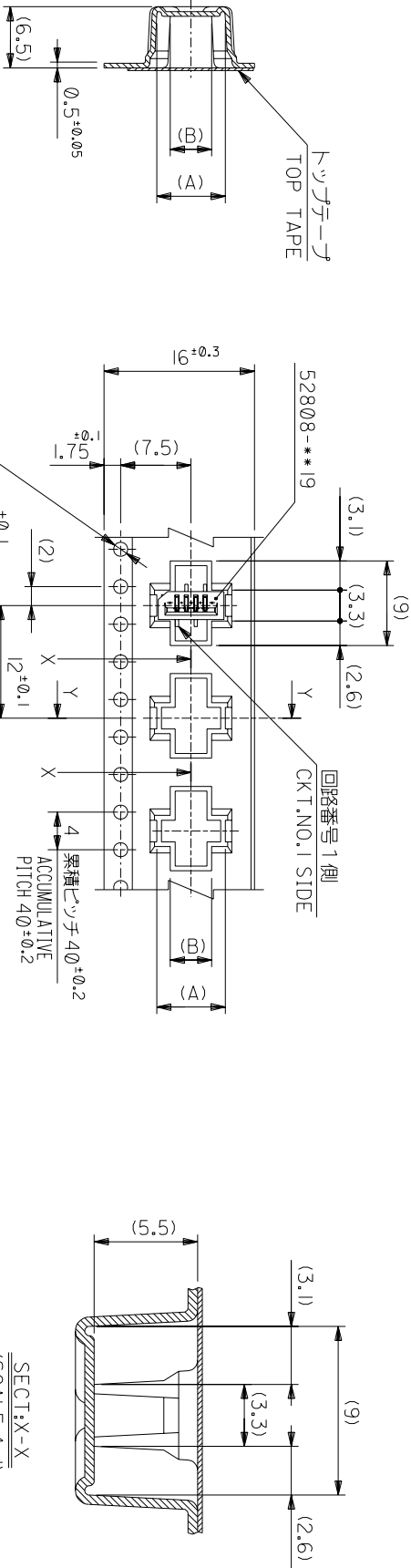
6. 本製品は52808-**90の鉛フリー一品である。
THIS PRODUCT IS LEAD FREE OF 52808-**90



角度	ANGLE	=3°
30 以上		=0°
10 以上	30 未満	=0°
10 未満		=0°
一般公差		
GENERAL TOLERANCES		

[illegible]

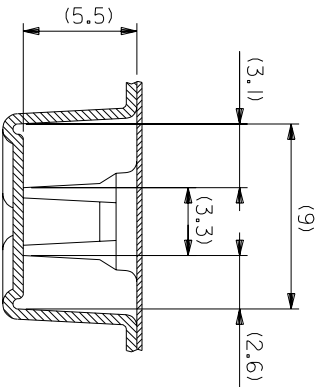
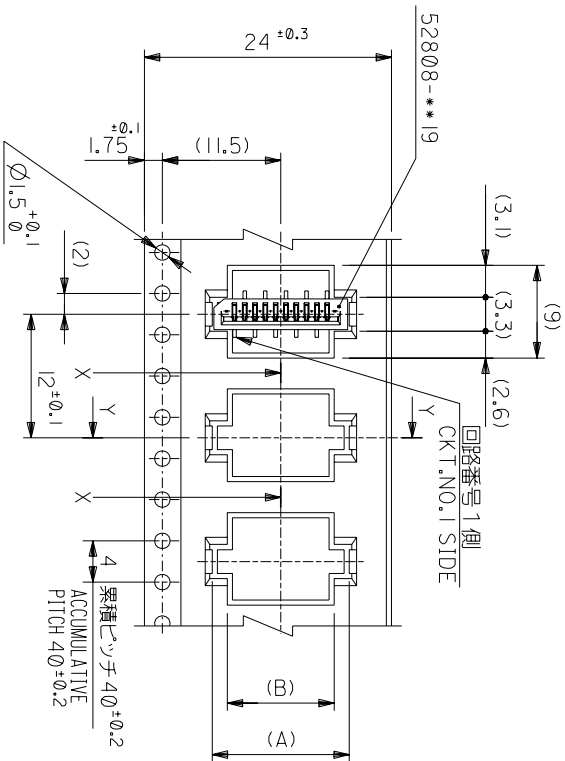
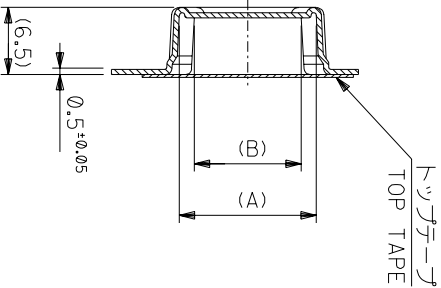
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EN-01C032MXJ-32



SECT. Y-Y
引き出し方向
PULL OUT DIRECTION

16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

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.		
						MOLEX-JAPAN CO.,LTD. モレックス 日本モリス株式会社		
			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			—#—		
			被覆外径 INS. RANGE			—#—		
			DRAWN BY 04/02/19 M.NABEI			CHK'D BY 04/02/19 M.SASAO		
			DR. 日付 CHK. DATE			尺度 SCALE		
			APP'D BY 04/02/19 M.SASAO			DWG. NO. (SHEET 2 OF 6) SD-52808-028		
						REV 0		
角度 ANGLE	±3°							
30 以上 30 以下	±0.3							
10 以上 30 以下	±0.25							
10 未満 10 以下	±0.2							
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD					



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

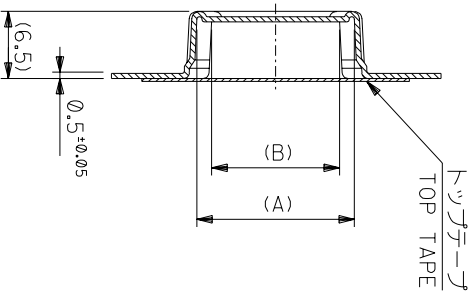
SECT:Y-Y

引き出し方向
PULL OUT DIRECTION

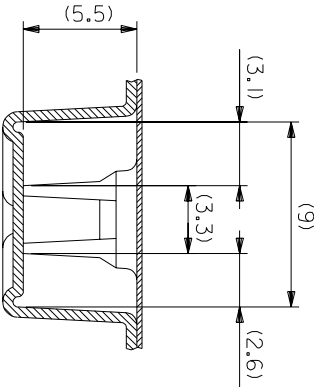
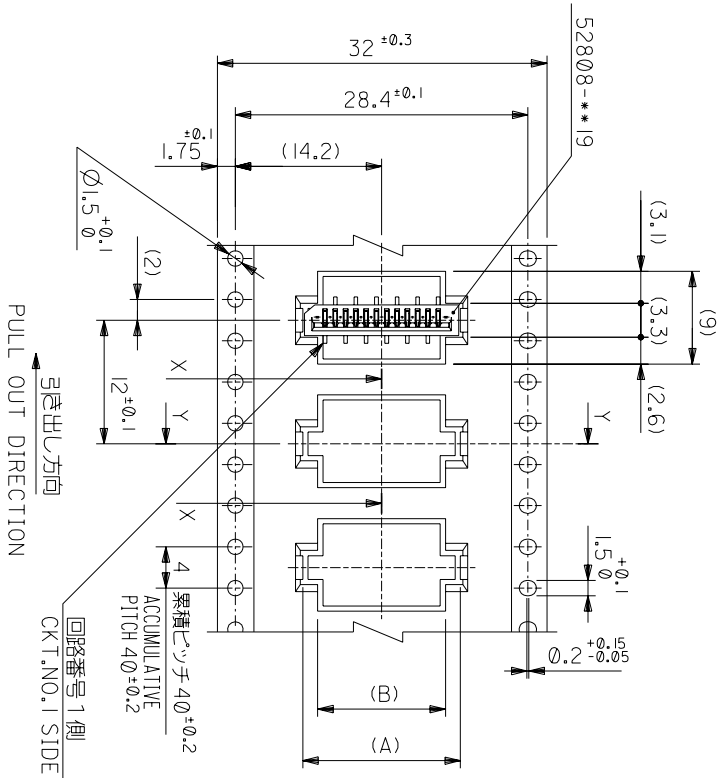
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

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.	モリステープ幅	C	(B)	(A)	MATERIAL NO.	極数 Ckt.

角度	ANGLE	3°	仕上げ	FINISH	—#—	TITLE 名称	1.0 FFC Conn NON ZIF
30°以上	30° OVER	10.2	適用電線範囲	WIRE RANGE	—#—	SMT ST Emb+D PKG	
10°以上	10° OVER	8.25	絞線外径	INS. RANGE	—#—	-LEAD FREE-	
未通	未通	0.2	DRAWN BY	04/02/9	CHK'D BY	04/02/9	DWG. NO.
10 UNDER	10 UNDER	0.2	REVISION	02004-2528	DATE	04/02/9	(SHEET 3 OF 6)
GENERAL TOLERANCES		0	REVISION RECORD	DR. CHK. DATE	SCALE	—#—	REV
		0	REVISION RECORD	DR. CHK. DATE	SCALE	—#—	0



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°
10°以下	10°
10°以下	10°

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	一般公差	DR-CHK.	DATE

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

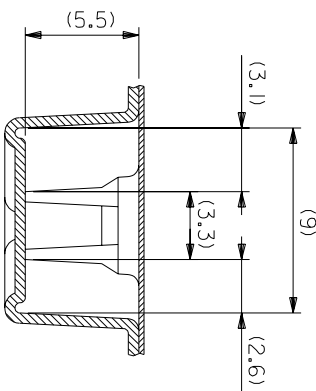
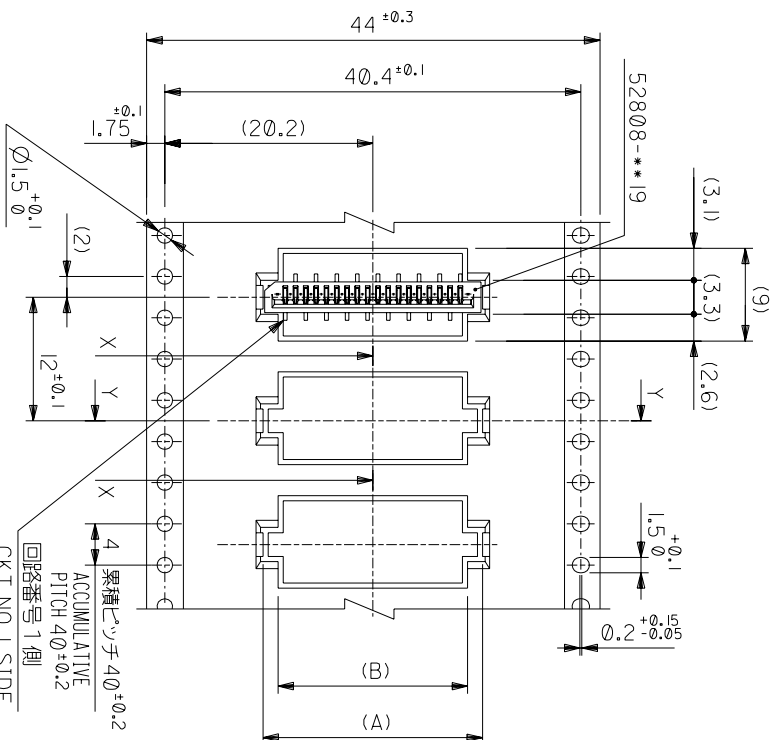
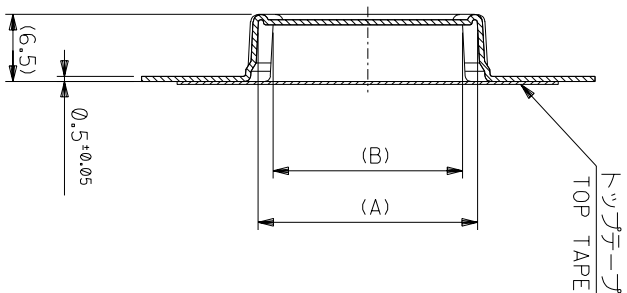
材料 MATERIAL SHEET 1 OF 6 参照
REFER TO SHEET 1 OF 6

仕上げ FINISH
適用電線範囲 WIRE RANGE
INS. RANGE

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

尺度 SCALE
M.SASAO

DWG. NO. SD-52808-028



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

SECT:Y-Y

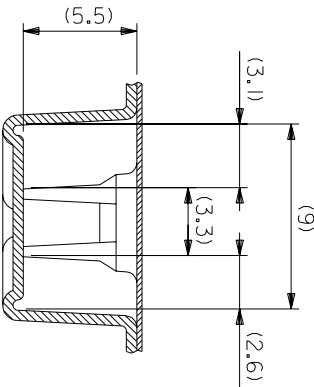
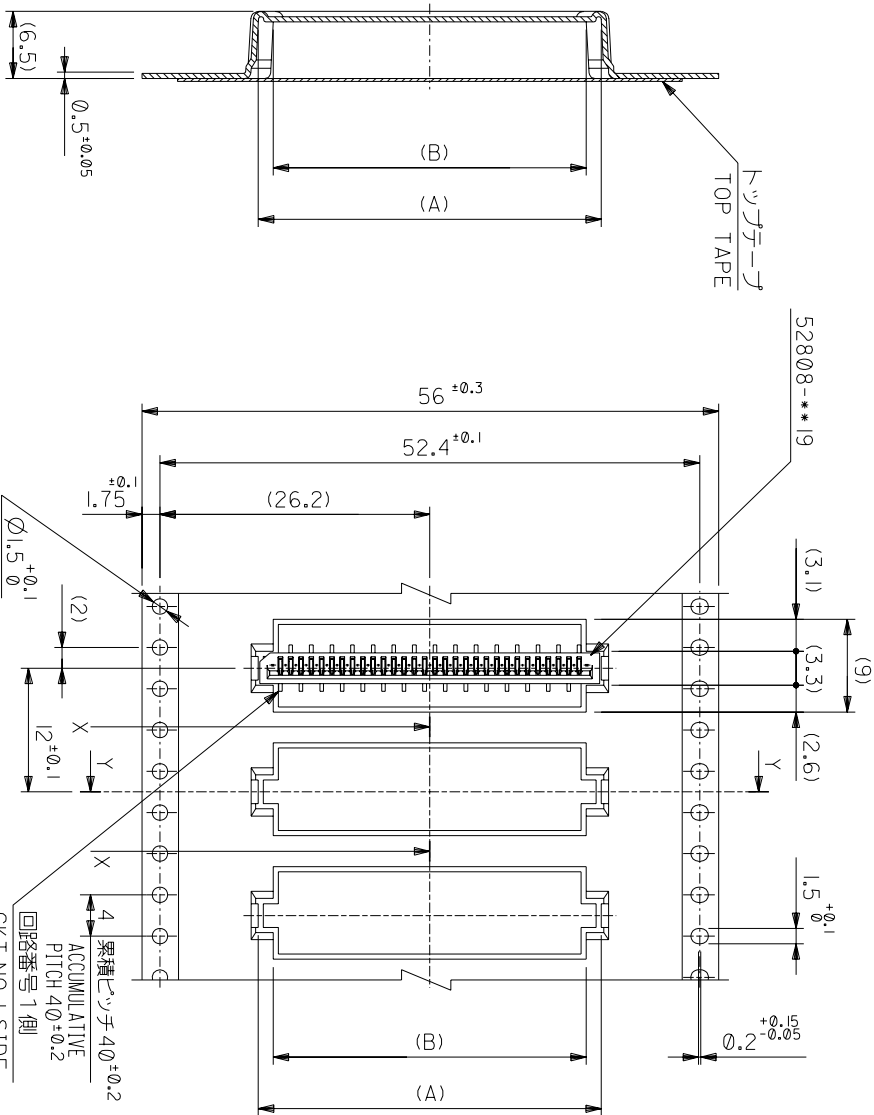
44mm幅キヤリテージ
44mm WIDTH CARRIER TAPE

LATITUDE ±0.2 1 側 1 SIDE	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			
52808-270						
MODEL NO.	キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	極数 C/T.

[illegible]

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EN-01C(032)MX-32



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

SECT:Y-Y

56mm幅キャリアテープ

56mm WIDTH CARRIER TAPE

角度	ANGLE
30°以上	30°
10°以下	10°
10°以下	10°
10°以下	10°

記号	変更内容	DR	CHK	DATE
0	新規格作成 (12004-2528)	M.N.	M.S.	10/02/19
0	REVISION RECORD	DR	CHK	DATE

MODEL NO.	56	57.5	30.4	33.3	52808-3070	30
CARRIER TAPE WIDTH	56	57.5	30.4	33.3	52808-2970	29
MATERIAL	56	57.5	30.4	33.3	52808-2970	29
SHEET 1 OF 6 参照	56	57.5	30.4	33.3	52808-2970	29
REFER TO SHEET 1 OF 6	56	57.5	30.4	33.3	52808-2970	29
仕上げ	56	57.5	30.4	33.3	52808-2970	29
FINISH	56	57.5	30.4	33.3	52808-2970	29
適用電線範囲	56	57.5	30.4	33.3	52808-2970	29
WIRE RANGE	56	57.5	30.4	33.3	52808-2970	29
INS. RANGE	56	57.5	30.4	33.3	52808-2970	29
DRAWN BY	56	57.5	30.4	33.3	52808-2970	29
CHK'D BY	56	57.5	30.4	33.3	52808-2970	29
APP'D BY	56	57.5	30.4	33.3	52808-2970	29
M.SASAO	56	57.5	30.4	33.3	52808-2970	29
SCALE	56	57.5	30.4	33.3	52808-2970	29
TITLE 名称	56	57.5	30.4	33.3	52808-2970	29
REVISE ONLY ON CAD SYSTEM	56	57.5	30.4	33.3	52808-2970	29
MOLEX 日本モリス株式会社	56	57.5	30.4	33.3	52808-2970	29
1.0 FFC Conn NON ZIF	56	57.5	30.4	33.3	52808-2970	29
SMT ST Embstp Pkg	56	57.5	30.4	33.3	52808-2970	29
-LEAD FREE-	56	57.5	30.4	33.3	52808-2970	29
DWG. NO.	56	57.5	30.4	33.3	52808-2970	29
SD-52808-028	56	57.5	30.4	33.3	52808-2970	29
(SHEET 6 OF 6) REV	56	57.5	30.4	33.3	52808-2970	29
0	56	57.5	30.4	33.3	52808-2970	29

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»

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Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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