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Part Number:

0522070360

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch FFC/FPC Connector, SMT, Right Angle, ZIF, Top Contact Style Receptacle, 3 Circuits, Lead-free, Gold Contact Plating, High Barrier Packaging

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

FFC/FPC Connectors

Series

52207

Overview

ffc_fpc_smt

Product Name

N/A

Physical

Circuits (Loaded)

3

Color - Resin

Natural

Contact Position

Top

Durability (mating cycles max)

30

Entry Angle

90° Angle

Flammability

94V-0

Mated Height (in)

0.106 In

Mated Height (mm)

2.70 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Orientation

Right Angle

PC Tail Length (in)

0.079 In

PC Tail Length (mm)

2.00 mm

PCB Locator

No

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface (in)

0.039 In

Pitch - Mating Interface (mm)

1.00 mm

Polarized to PCB

Yes

Stackable

No

Temperature Range - Operating

-30°C to +85°C

Termination Interface: Style

Surface Mount

Wire/Cable Type

FFC/FPC

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52207-001, SPK-52207-002

Product Specification

PS-52207-048, RPS-52207-070, RPS-52207-073, RPS-52207-075, RPS-52207-078, RPS-52207-084, RPS-52207-090, RPS-52207-092, RPS-52207-094, RPS-52207-099, RPS-52207-101, RPS-52207-106

Sales Drawing

SD-52207-064, SD-52207-065

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

China RoHS



Need more information on product environmental compliance?

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

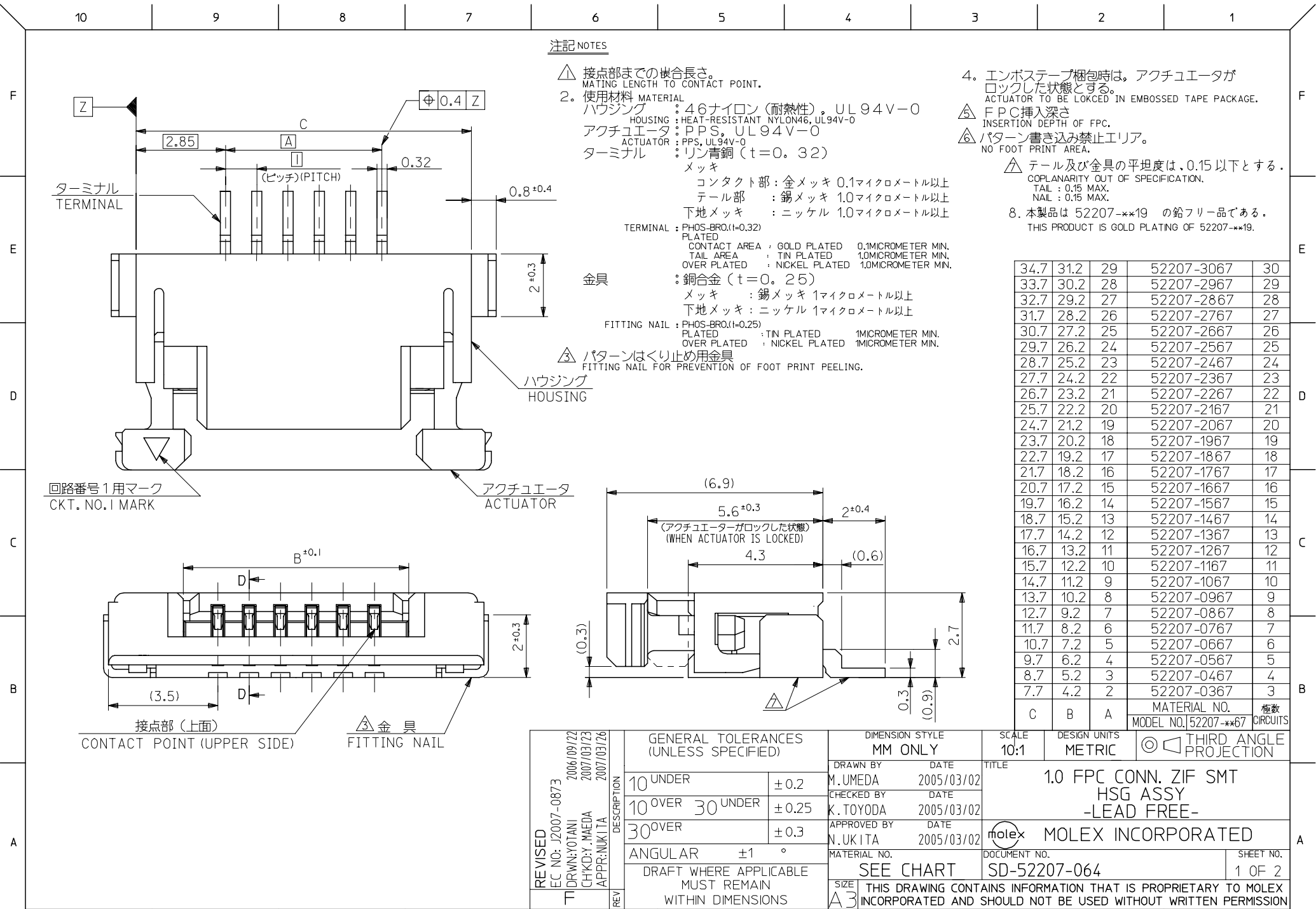
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

52207Series

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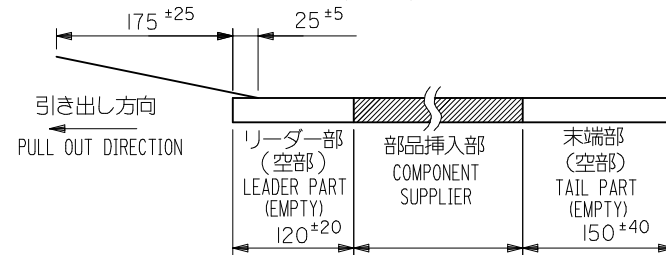
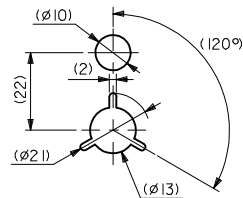
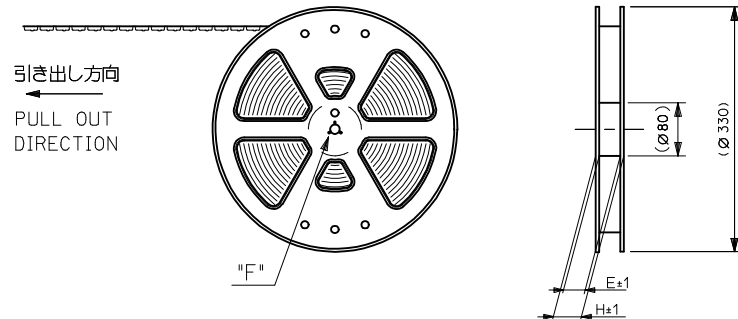
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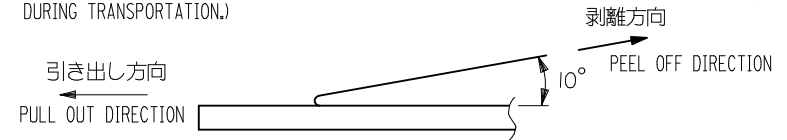
注記

- 製品番号 52207-**67 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-52207-064 を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO.52207-**67 SHOULD BE LOCKED
RE DETAILED DIMENSIONS, SEE SD-52207-064
- 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 TOP TAPE トップテープ TOP TAPE
リーダー部 LEADER PART 未接着部 NON-BONDED PART



- トップテープの剥離強度: 0.1~1.3N (10gf~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事。)
PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N (10gf~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>

- 本製品は 52207-**85 の金メッキ品である。

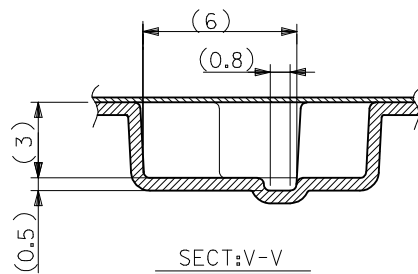
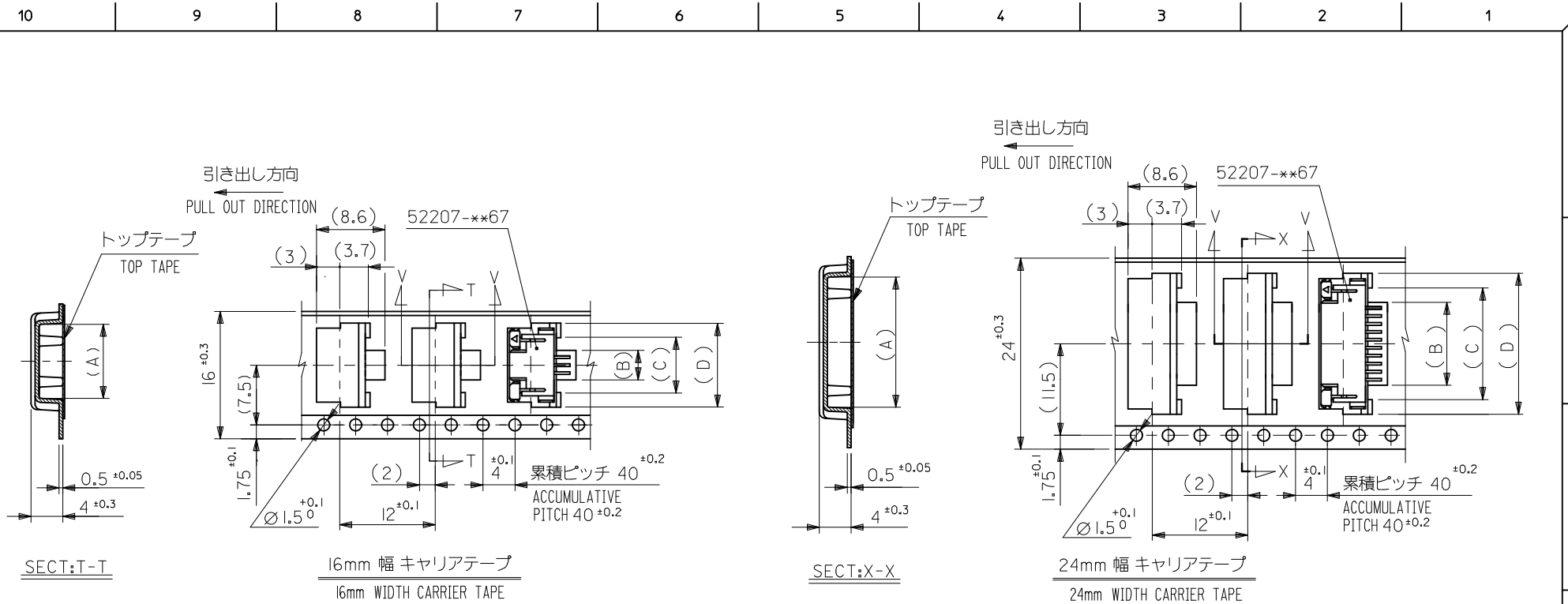
THIS PRODUCT IS GOLD PLATING OF 52207-**85.

- 本製品は乾燥剤入り、ハイバリア梱包仕様である。

THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

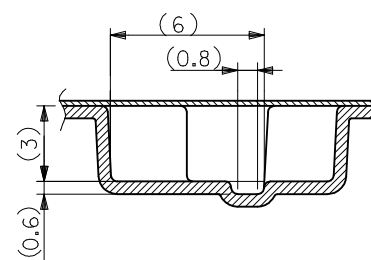
MODEL No.52207-**60

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMTSUMOTO 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.UMEDA	DATE 2005/03/03	TITLE 1.0 FPC CONN. ZIF SMT WITH EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K.TOYODA	DATE 2005/03/03					
		30 OVER	± 0.3	APPROVED BY N.UKITA	DATE 2005/03/03	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-52207-065		1 OF 5		
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



24	29.4	25.4	18.5	15	11.7	17.3	52207-1160	11
			17.5	14	10.7	16.3	52207-1060	10
			16.5	13	9.7	15.3	52207-0960	9
			15.5	12	8.7	14.3	52207-0860	8
			14.5	11	7.7	13.3	52207-0760	7
			13.5	10	6.7	12.3	52207-0660	6
			12.5	9	5.7	11.3	52207-0560	5
			11.5	8	4.7	10.3	52207-0460	4
16	21.4	17.4	10.5	7	3.7	9.3	52207-0360	3
キャリアテープ幅 CARRIER TAPE WIDTH	H	E	(D)	(C)	(B)	(A)	MATERIAL NO. MODEL NO. 52207-**-60	極数 CKT.

REVISED EC NO.: J2009-2061 2009/05/20 DRWN:TKN CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21 G	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M.UMEDA	DATE 2005/03/03	TITLE 1.0 FPC CONN. ZIF SMT WITH EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE 2005/03/03					
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE 2005/03/03	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52207-065		2 OF 5			
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

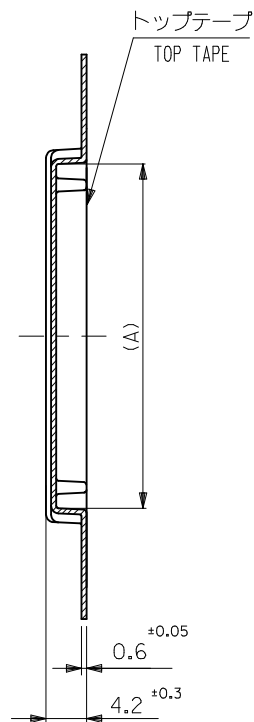


SECT:W-W

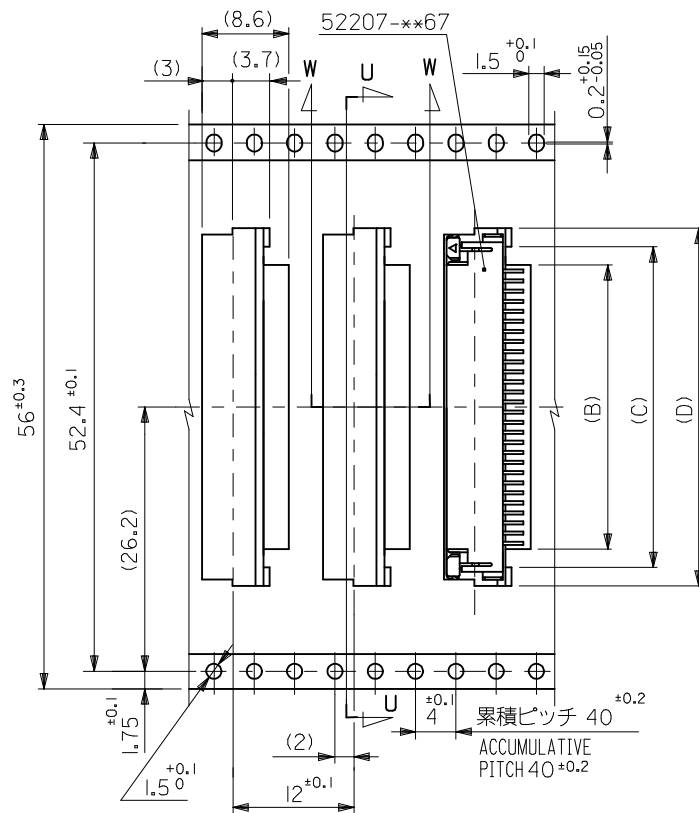
32mm 幅 キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	4.0	0.5	23.5	20	16.7	22.35	52207-1660	16
			4.2	0.6	22.5	19	15.7	21.35	52207-1560	15
			4.2	0.6	21.5	18	14.7	20.35	52207-1460	14
			4.2	0.6	20.5	17	13.7	19.35	52207-1360	13
			4.2	0.6	19.5	16	12.7	18.35	52207-1260	12
キャリアテープ幅 CARRIER TAPE WIDTH	H	E	(G)	(F)	(D)	(C)	(B)	(A)	MATERIAL NO.	極数 CKT
									MODEL NO. 52207-***60	

REVISED EC NO.: J2009-2061 DRAWN: IKON CHKD: HATSUMOTO 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.UMEDA	DATE 2005/03/03	TITLE 1.0 FPC CONN ZIF SMT WITH EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE 2005/03/03					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2005/03/03	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52207-065				3 OF 5
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



SECT:U-U



56mm 幅 キャリアテープ
56mm WIDTH CARRIER TAPE

56	61.4	57.4	37.5	34	30.7	36.35	52207-3060	30
			36.5	33	29.7	35.35	52207-2960	29
			35.5	32	28.7	34.35	52207-2860	28
キャリアテープ幅 CARRIER TAPE WIDTH	F	E	(D)	(C)	(B)	(A)	MATERIAL NO.	CIRCUIT

REVISED EC NO.: J2009-2061 DRWN:TKN 2009/05/20 CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21 G	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY		---	METRIC				
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE		1.0 FPC CONN ZIF SMT WITH EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE						
		30 OVER	± 0.3	APPROVED BY	DATE	 MOLEX INCORPORATED		SD-52207-065			
	ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.						SHEET NO.
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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