

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0533980371

Status:

Active

Overview:

[picoblade](#)

Description:

1.25mm (.049") Pitch PicoBlade™ Header, SMT, Vertical, Lead-free, 3 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51021-024 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

53398

Application

Wire-to-Board

MolexKits

Yes

Overview

[picoblade](#)

Product Name

PicoBlade™

Physical

Breakaway

No

Circuits (Loaded)

3

Color - Resin

Natural

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Lock to Mating Part

Yes

Mated Height (in)

0.224 In

Mated Height (mm)

5.70 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Orientation

Vertical

PC Tail Length (in)

0.024 In

PC Tail Length (mm)

0.60 mm

PCB Locator

No

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface (in)

0.049 In

Pitch - Mating Interface (mm)

1.25 mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Partial

Stackable

No

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Surface Mount

Electrical

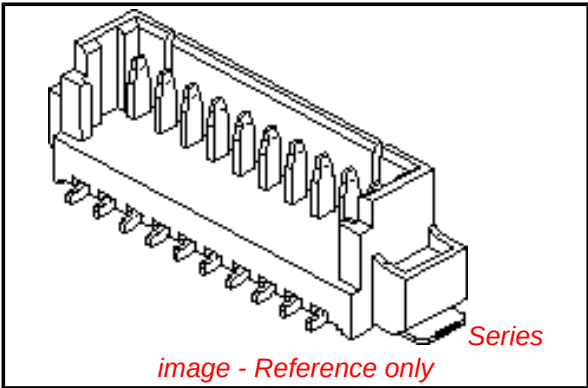
Current - Maximum per Contact

1A

Voltage - Maximum

125V

Material Info



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

53398Series

Mates With

51021 PicoBlade™ Wire-to-Wire and Wire-to-Board Housing

Reference - Drawing Numbers

Packaging Specification
Product Specification

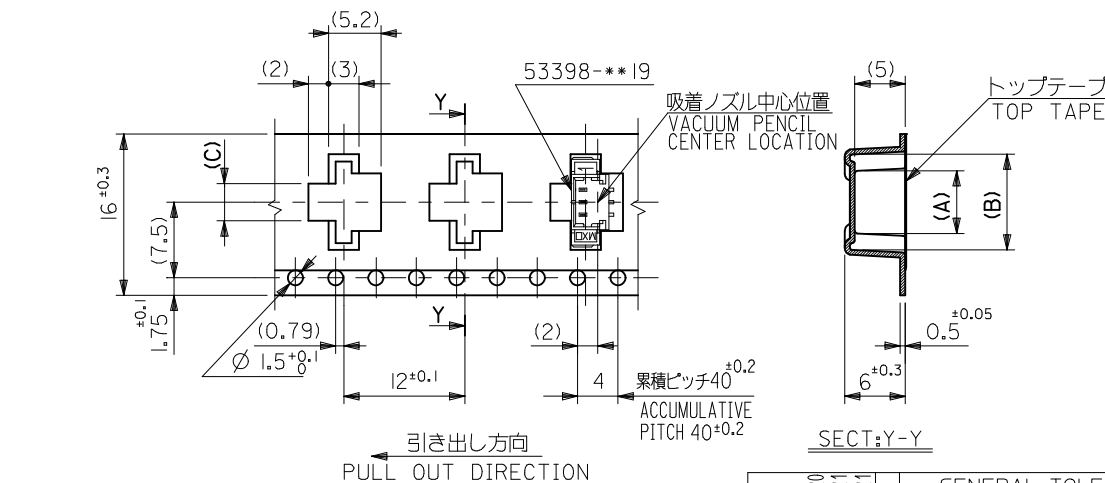
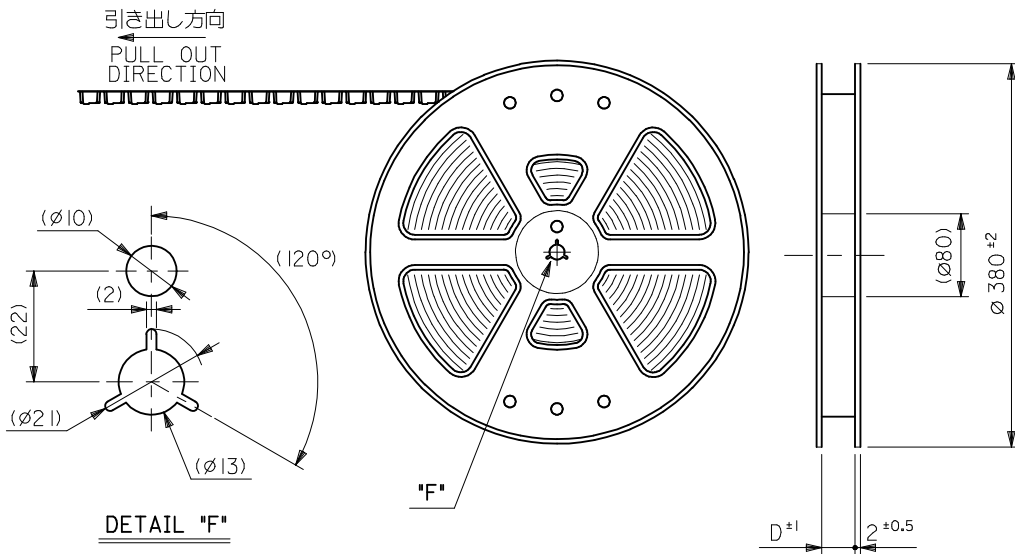
SPK-53398-001, SPK-53398-002
PS-51021-024, RPS-51021-038, RPS-51021-039,
RPS-51021-040, RPS-51021-043, RPS-51021-045,
RPS-51021-046, RPS-51021-047, RPS-51021-051,
RPS-51021-053, RPS-51021-057, RPS-51021-064,
RPS-51021-065, RPS-51021-067, RPS-51021-068,
RPS-51021-074, RPS-51021-077, RPS-51021-081,
RPS-51021-085, RPS-51021-086, RPS-51021-091,
RPS-51021-092, RPS-51021-097, RPS-51021-098,
RPS-51021-099, RPS-51021-101, RPS-53398-002,
RPS-53398-038
SD-53398-032, SD-53398-033

Sales Drawing

This document was generated on 05/25/2010

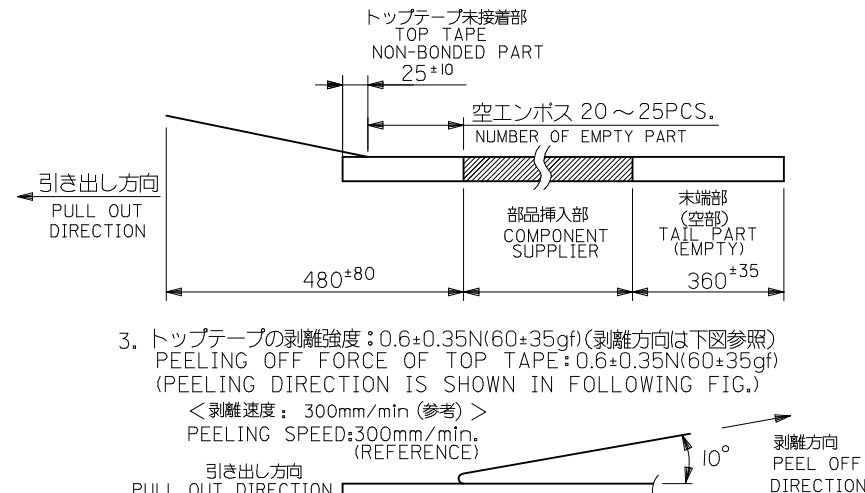
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

tb_frame_A3_J_ME_S
Rev. E 2006/04/15



NOTES

1. 梱包数量: 1000個/リール
NUMBER OF CONNECTOR: 1000PCS/REEL
2. リードテープ長さ
LEAD TAPE LENGTH



3. トップテープの剥離強度: 0.6±0.35N(60±35gf) (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE: 0.6±0.35N(60±35gf)
(PEELING DIRECTION IS SHOWN IN FOLLOWING FIG.)
剥離速度: 300mm/min (参考) >
PEELING SPEED: 300mm/min. (REFERENCE)
4. 53398-***19 の詳細寸法については図面 SD-53398-032 を参照下さい。
RE DETAILED DIMENSIONS, SEE SD-53398-032.
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 (TOP TAPE): PET, PE, PEF
リール (REEL): ポリスチレン (P.S.) <リサイクル材含む>
POLYSTYRENE (P.S.) <RECYCLE MATERIAL CONTAINED>
6. 本製品は 53398-***90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53398-***90.
7. 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.

16	21.4	17.4	3.7	9.5	5.8	53398-0371	3
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	2.45	8.25	4.55	53398-0271	2
			(C)	(B)	(A)	MATERIAL NO.	極数 CKT.

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
MM ONLY		---	METRIC		
DRAWN BY	DATE	TITLE			
NINOMIYA	'04/02/06				
CHECKED BY	DATE	1.25 W/B CONN WAFER ASSY FOR SMT. EMBSTP. PKG. -LEAD FREE-			
K. TOJO	'04/02/06				
APPROVED BY	DATE	 MOLEX INCORPORATED			
M. SASAO	'04/02/06				
MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
SEE TABLE & SHEET 2.3		SD-53398-033		1 OF 3	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
A3					

F

E

D

C

B

A

F

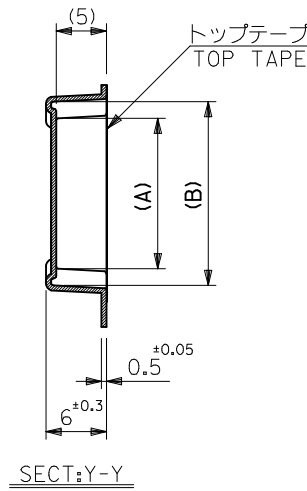
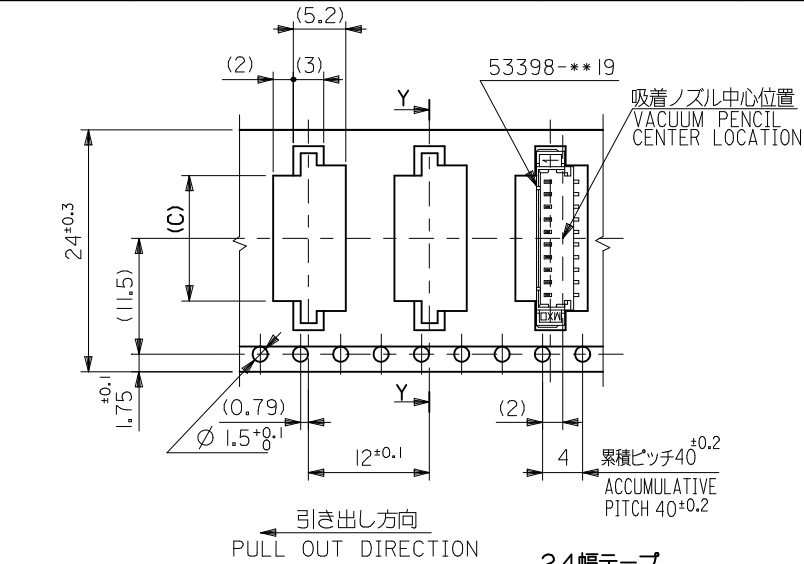
E

D

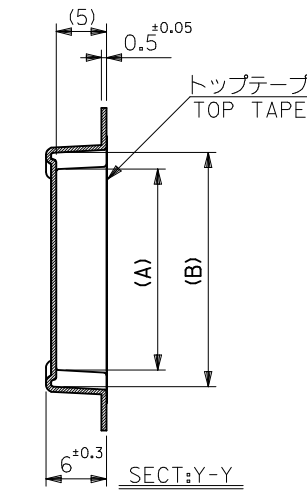
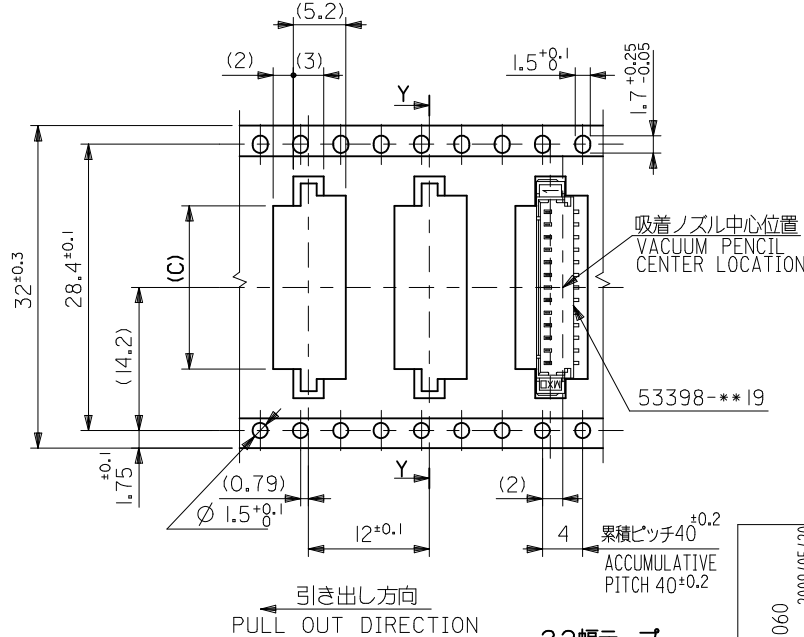
C

B

A



24幅テープ
(TAPE WIDTH:24)



32幅テープ
(TAPE WIDTH:32)

32	37.4	33.4	16.2	22	18.3	53398-1371	13
			14.95	20.75	17.05	▲ -1271	12
			13.7	19.5	15.8	▲ -1171	11
24	29.4	25.4	12.45	18.25	14.55	▲ -1071	10
			11.2	17	13.3	▲ -0971	9
			9.95	15.75	12.05	▲ -0871	8
			8.7	14.5	10.8	▲ -0771	7
			7.45	13.25	9.55	▲ -0671	6
			6.2	12	8.3	▼ -0571	5
			4.95	10.75	7.05	53398-0471	4
			キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)

REVISED EC NO: J2009-2060 DRWN:TKN CHKD:HMATSUMOTO APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	$\pm$ 0.2	DRAWN BY NINOMIYA	DATE '04/02/06	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT. EMBSTP. PKG. -LEAD FREE-					
		10 OVER 30 UNDER	$\pm$ 0.25	CHECKED BY K. TOJO	DATE '04/02/06						
		30 OVER	$\pm$ 0.3	APPROVED BY M. SASAO	DATE '04/02/06	MOLEX INCORPORATED					
B		ANGULAR $\pm$ 3 °		MATERIAL NO. SEE TABLE & SHEET 13		DOCUMENT NO. SD-53398-033		SHEET NO. 2 OF 3			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1

F

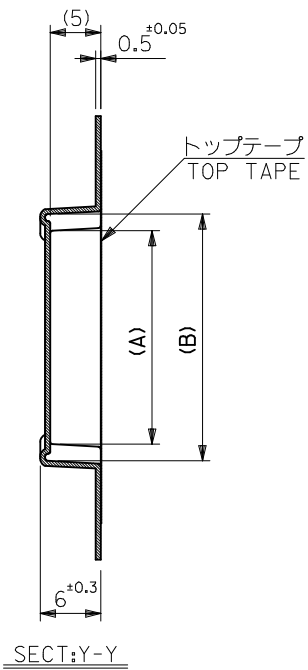
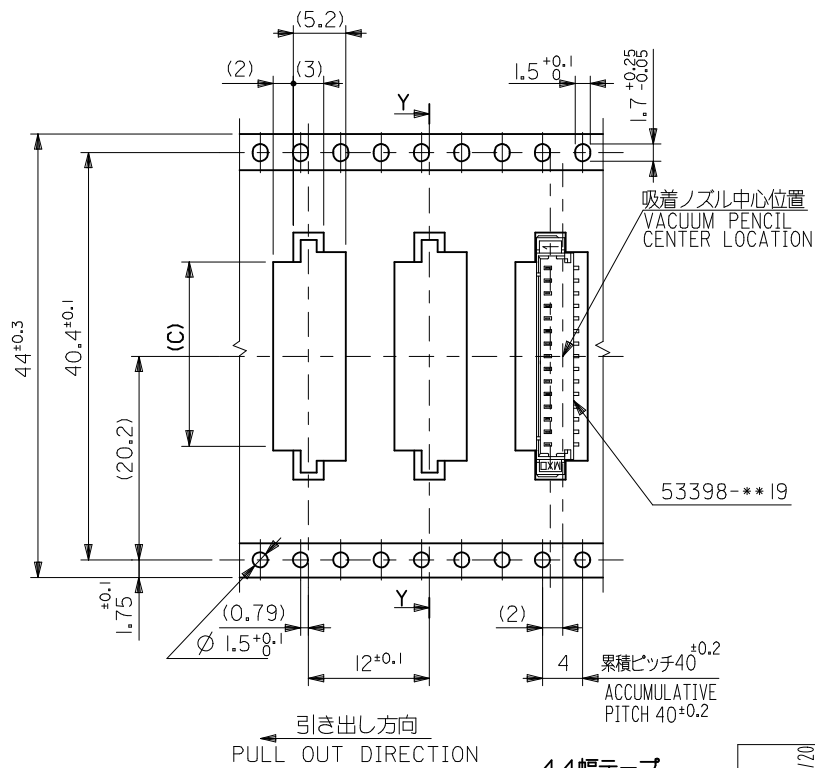
E

D

C

B

A



44幅テープ
(TAPE WIDTH:44)

REVISED
EC NO.: J2009-2060
DRWN:TKON 2009/05/20
CHKD:HMATSUMOTO 2009/05/21
APPR:NUKITA 2009/05/21
REV B

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

44	49.4	45.4	18.7	24.5	20.8	53398-1571	15
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	17.45	23.25	19.55	53398-1471	14
DIMENSION STYLE MM ONLY			SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
DRAWN BY NINOMIYA		DATE '04/02/06	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT. EMBSTP. PKG. -LEAD FREE-				
CHECKED BY K. TOJO		DATE '04/02/06	MOLEX INCORPORATED				
APPROVED BY M. SASAO		DATE '04/02/06					
MATERIAL NO.			DOCUMENT NO.				SHEET NO.
SEE TABLE & SHEET 12			SD-53398-033				3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



ООО «НИОКРсистемс» - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ