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Part Number: [0548191572](#)
Status: **Active**
Description: USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, SMT Solder Tails and Shell Tabs, with Cover Tape, Lead-free, LCP Housing

Documents:

[3D Model](#) [Product Specification PS-54819-012 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54819-011 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family I/O Connectors
 Series [54819](#)
 Application Wire-to-Board
 Component Type Receptacle
 Product Name USB, USB OTG (On-The-Go)
 Type Mini-B

Physical

Circuits (Loaded) 5
 Circuits (maximum) 5
 Color - Resin Black
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Orientation Right Angle
 PCB Locator No
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Panel Mount No
 Pitch - Mating Interface (in) 0.031 In
 Pitch - Mating Interface (mm) 0.80 mm
 Plating min: Mating (µin) 30.4
 Plating min: Mating (µm) 0.76
 Plating min: Termination (µin) 40
 Plating min: Termination (µm) 1
 Polarized to Mating Part Yes
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating 0°C to +50°C
 Termination Interface: Style Surface Mount
 Wire Size AWG N/A

Electrical

Current - Maximum per Contact 1A
 Shielded Yes
 Voltage - Maximum 30V

Material Info

Reference - Drawing Numbers

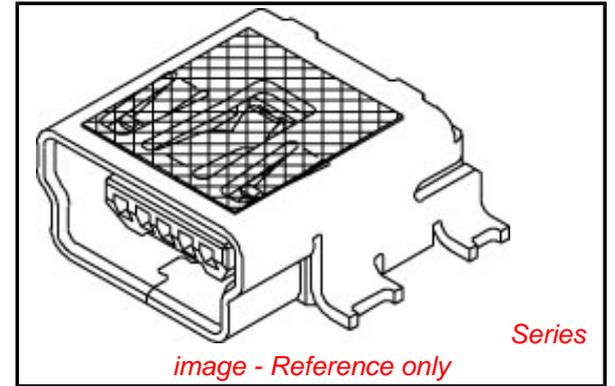


image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No**
**Halogen-Free
 Status**

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

[54819Series](#)

Mates With

[59204-9401](#) , [59205-3301](#)

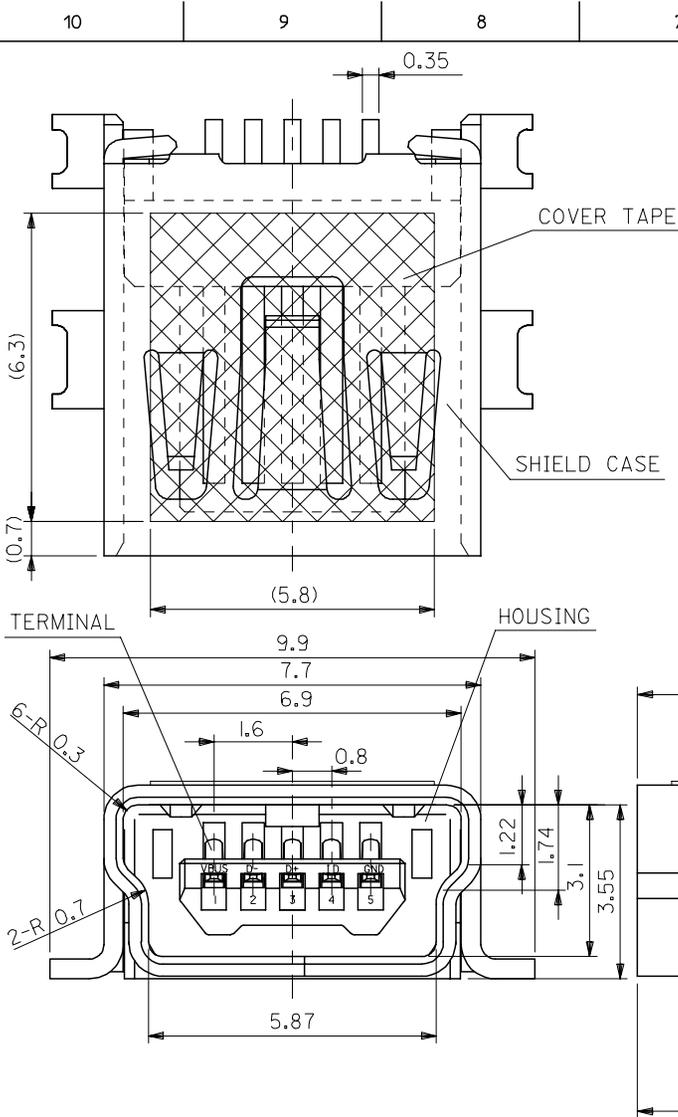
Product Specification

Sales Drawing

PS-54819-011, PS-54819-012, RPS-54819-025,
RPS-54819-031
SD-54819-024, SD-54819-025

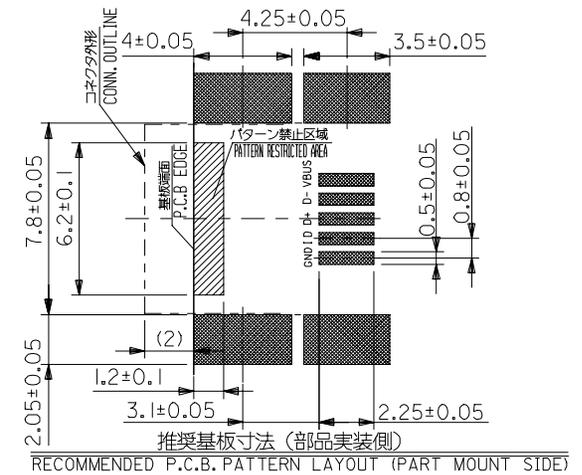
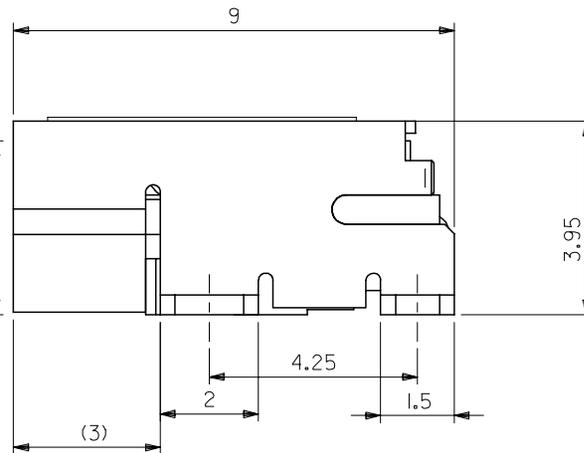
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注記 1. 材質
 NOTES MATERIAL
 ハウジング: LCP(LIQUID CRYSTAL POLYMER) 黒色, UL94V-0
 HOUSING: LCP(LIQUID CRYSTAL POLYMER) BLACK, UL94V-0
 ターミナル: 銅合金 (t=0.2)
 TERMINAL: COPPER ALLOY (t=0.2)
 シールド ケース: 銅合金 (t=0.4)
 SHIELD CASE: COPPER ALLOY (t=0.4)
 カバー テープ: ポリイミド (t=0.08)
 COVER TAPE: POLYIMIDE (t=0.08)

- メッキ仕様
 PLATING
 ターミナル
 TERMINAL
 接点部: 金メッキ 0.75μm MIN.
 CONTACT AREA: GOLD 0.75 MICRO METER MIN.
 半田付け部: 錫メッキ 1μm MIN.
 SOLDER TAIL AREA: TIN 1 MICRO METER MIN.
 下地部: ニッケルメッキ 4μm MIN.
 UNDER PLATING: NICKEL 4 MICRO METER MIN.
 シールド ケース
 SHIELD CASE
 : 錫メッキ 1μm MIN.
 : TIN 1 MICRO METER MIN.
 下地部: ニッケルメッキ 4μm MIN.
 UNDER PLATING: NICKEL 4 MICRO METER MIN.
- テール、ネール平坦度は0.1mm MAX.
 TAIL, NAIL COPLANARITY 0.1mm MAX.
- 本製品は 54819-0571, 1571 の鉛フリー品である。
 THIS PRODUCT IS LEAD FREE OF 54819-0571, 1571.



54819-1579	MATERIAL NO.
54819-0579	MODEL NO.

REVISED EC NO: J2006-1106 DR: N. YANAGI MOTO 2005/10/05 CHK: D. TANAKA 2005/10/06 APPR: N. UKITA 2005/10/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNIT'S METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/16	TITLE USB SERIES MINI-B RECEPTACLE ASS'Y FOR SMT -LEAD FREE-		
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/02/16	MOLEX MOLEX INCORPORATED		
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/02/16	DOCUMENT NO. SD-54819-024		
	ANGULAR	±3 °	MATERIAL NO. SEE CHART		SHEET NO. 1 OF 2		
	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		

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

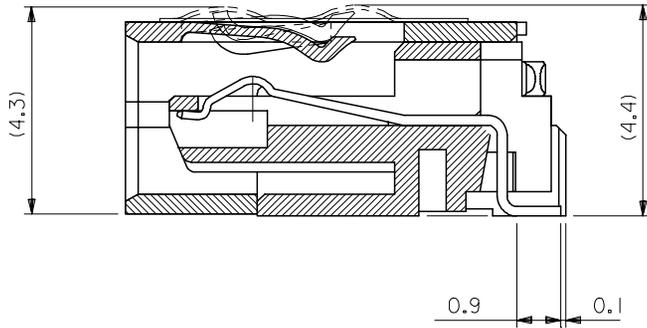
C

B

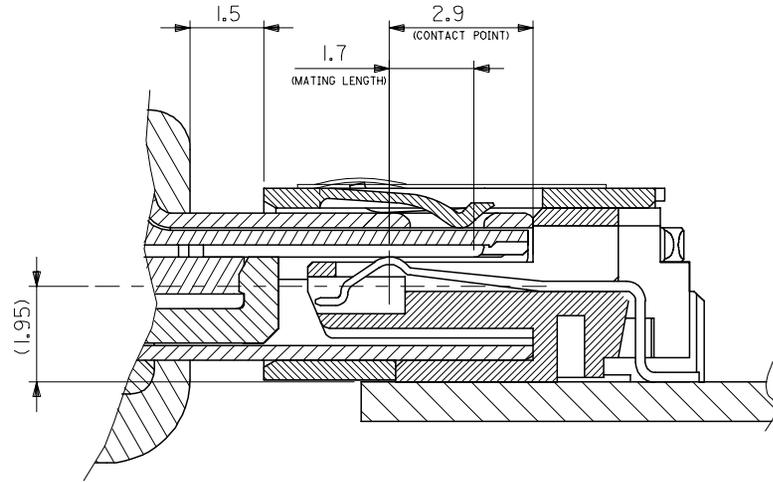
B

A

A



SECTION

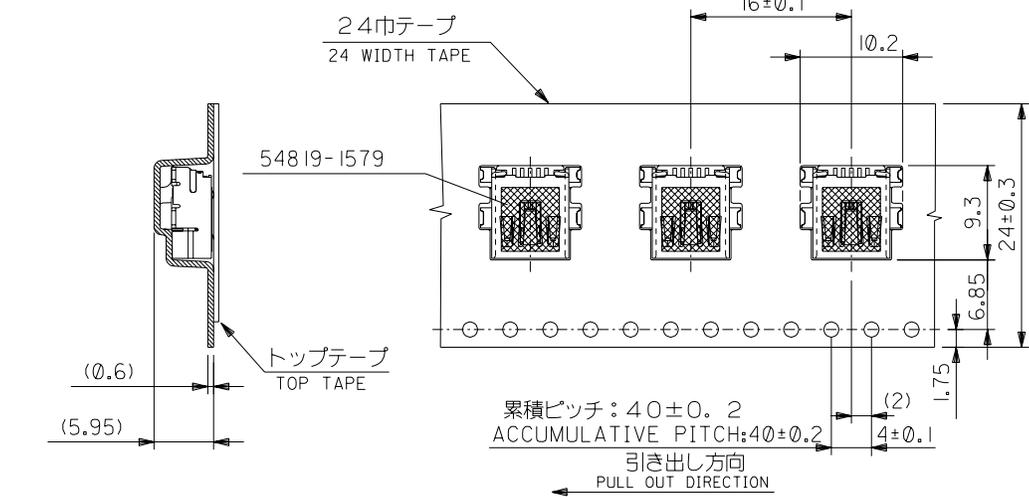
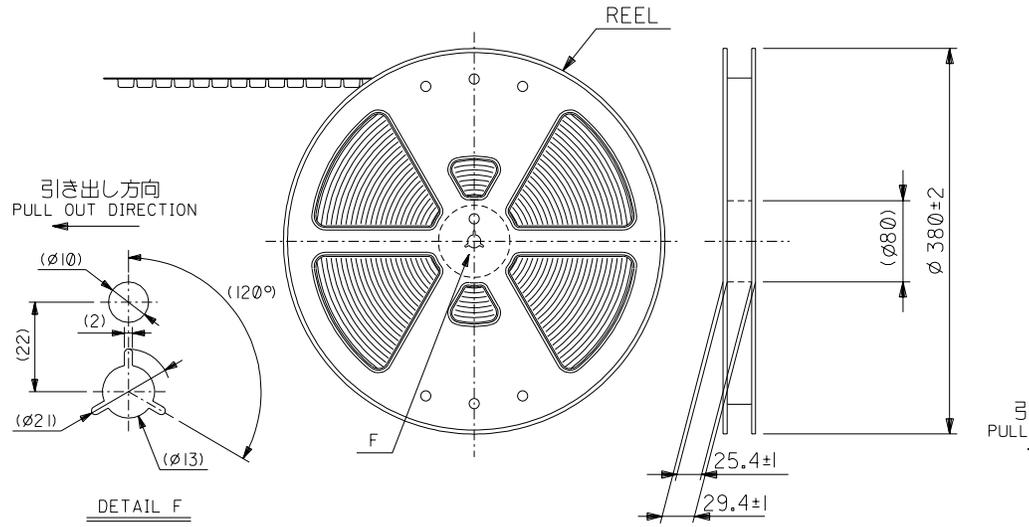


MATING

54819-1579	MATERIAL NO.
54819-***79	MODEL NO.

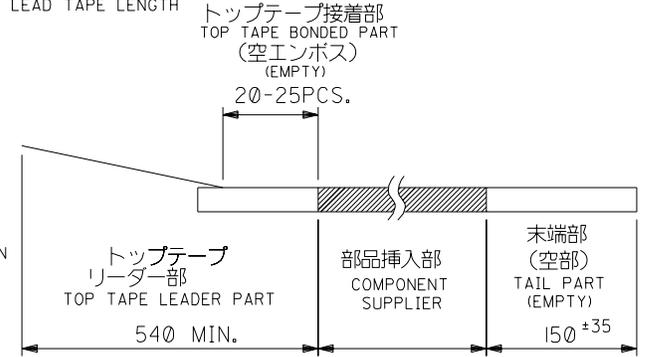
REVISED EC NO: J2006-1106 DRWN: YANAGI MOTO 2005/10/05 CHKD: TANAKA 2005/10/06 APPR: NUKITA 2005/10/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	±0.2	DRAWN BY M. NINOMIYA	DATE 2004/02/16	TITLE USB SERIES MINI-B RECEPTACLE ASS'Y FOR SMT -LEAD FREE- MOLEX INCORPORATED			
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/02/16				
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/02/16				
	ANGULAR ±3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-54819-024	SHEET NO. 2 OF 2		
		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

DWG. NO. SD-54819-025

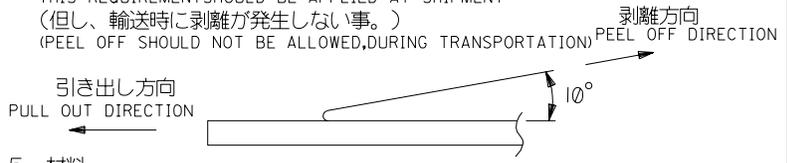


NOTES

- 54819-1579の詳細はSD-54819-024参照
IN THE PACKAGE PART NO.54819-1579 DETAILED .SEE SD-54819-024
- 梱包数量： 800 個/リール
NUMBER OF CONNECTORS: 800 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- トップテープの剥離強度：0.1～1.3 N (10～130gf)
(剥離方向は下図参照) キャリアテープ幅：24mm
PEEL-OFF FORCE OF TOP TAPE: 0.1~1.3 N (10~130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
尚、本規格値は、出荷時に適用。
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
(但し、輸送時に剥離が発生しない事。)
(PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION)



- 材料
MATERIAL
キャリアテープ：ポリプロピレン
CARRIER TAPE: POLYPROPYLENE
トップテープ：ポリエステル、ポリエチレン
TOP TAPE: POLYESTER, POLYETHYLENE
リール：ポリスチレン
REEL: POLYSTYRENE

- 本製品は 54819-0578, 1578 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54819-0578, 1578.

エンボステープ内の製品の向き
DIRECTION OF CONNECTOR IN EMBOSSED TAPE

DO NOT SCALE DRAWING

54819-025 DRWN: CH'K: APPR: 54819-025 DRWN: CH'K: APPR: 54819-025 DRWN: CH'K: APPR:	REVISED 54819-025 DRWN: M.NINOMIYA '04/02/27 CH'K: K.TOJO '04/02/27 APPR: M.SASAO '04/02/27 RELEASED 54819-025 DRWN: M.NINOMIYA '04/02/13 CH'K: K.TOJO '04/02/13 APPR: M.SASAO '04/02/13	MATERIAL 材料 SEE NOTES FINISH 仕上げ # WIRE RANGE 適用線径範囲 # INS. RANGE 被覆外径 #	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未満 ±0.2 10 OVER 30 UNDER 未満 ±0.25 30 OVER 以上 ±0.3 ANGLE 角度 ±3°	54819-025 SCALE 1:1 DESIGN UNITS mm □ INCH	MODEL NO. 54819-025 DIMENSIONS: mm □ INCH □ mm ONLY SHD REV 2X CAD ONLY
				DRAWN BY & DATE M.NINOMIYA '04/02/13 CHECKED BY & DATE K.TOJO '04/02/13 APPROVED BY & DATE H. Sasaki '04/02/13 CAD FILENAME SD-54819-025.S01	TITLE: USB SERIES MINI-B REC. HS'G EMBOSSED ASS'Y -LEAD FREE- MOLEX MOLEX INCORPORATED MATERIAL NO. SEE CHART DRAWING NO. SD-54819-025 SHEET NO. 1 OF 1 SIZE B

Данный компонент на территории Российской Федерации

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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