

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

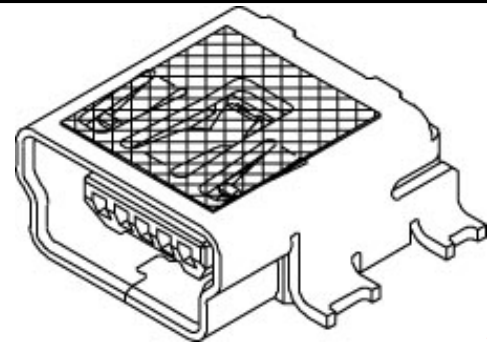
0548191572

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



Series

image - Reference only

Documents:

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

Agency Certification

UL

E29179

General

Product Family

Series

Application

Component Type

Product Name

Type

I/O Connectors

54819

Wire-to-Board

Receptacle

USB, USB OTG (On-The-Go)

Mini-B

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Flammability

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Orientation

PCB Locator

PCB Retention

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire Size AWG

5

5

Black

94V-0

Yes

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

Right Angle

No

Yes

Embossed Tape on Reel

No

0.031 In

0.80 mm

30.4

0.76

40

1

Yes

N/A

0°C to +50°C

Surface Mount

N/A

Electrical

Current - Maximum per Contact

Shielded

Voltage - Maximum

1A

Yes

30V

Material Info

Reference - Drawing Numbers

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

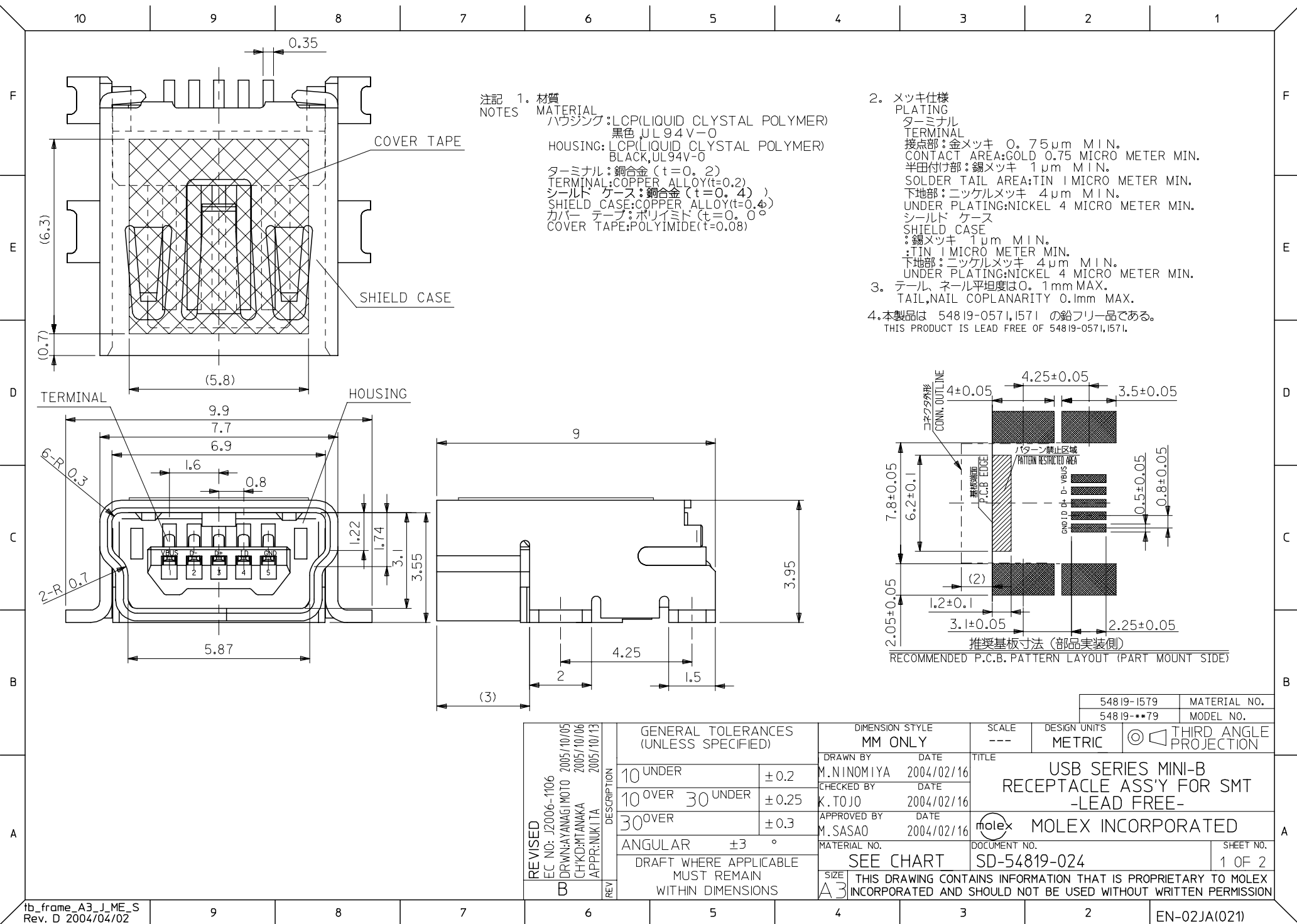
Product Specification

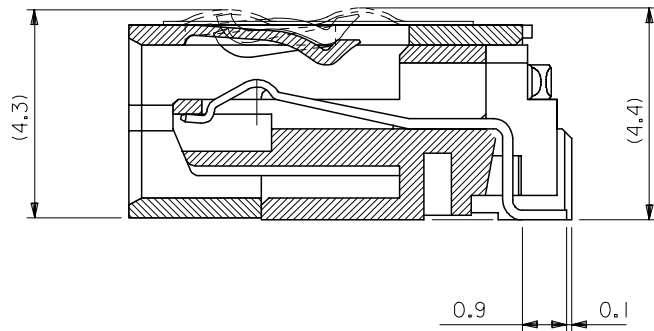
Sales Drawing

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

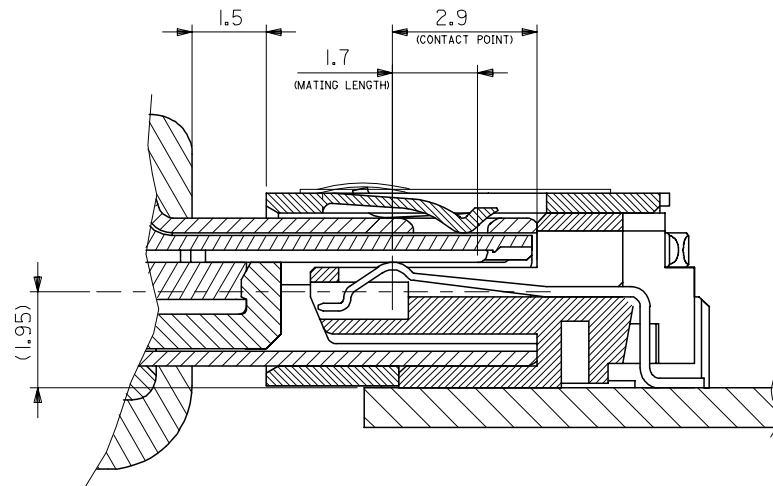
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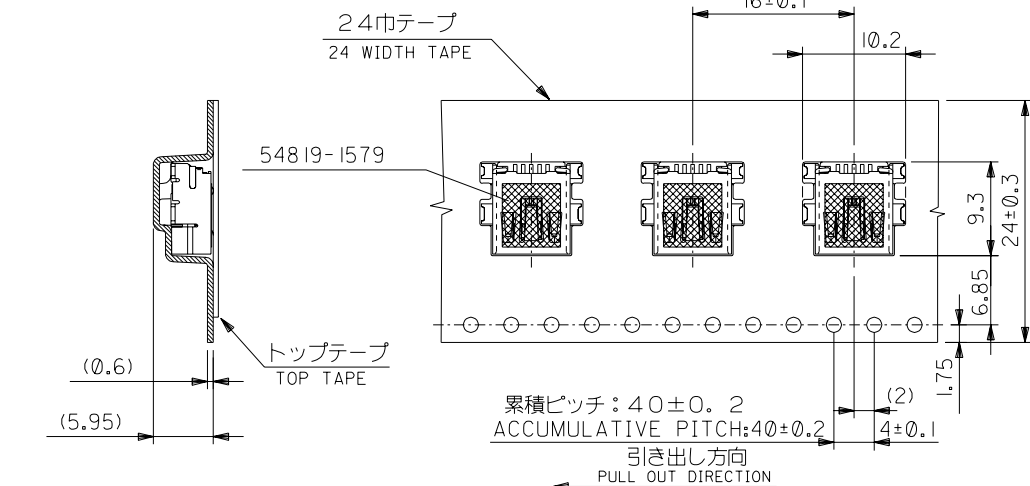
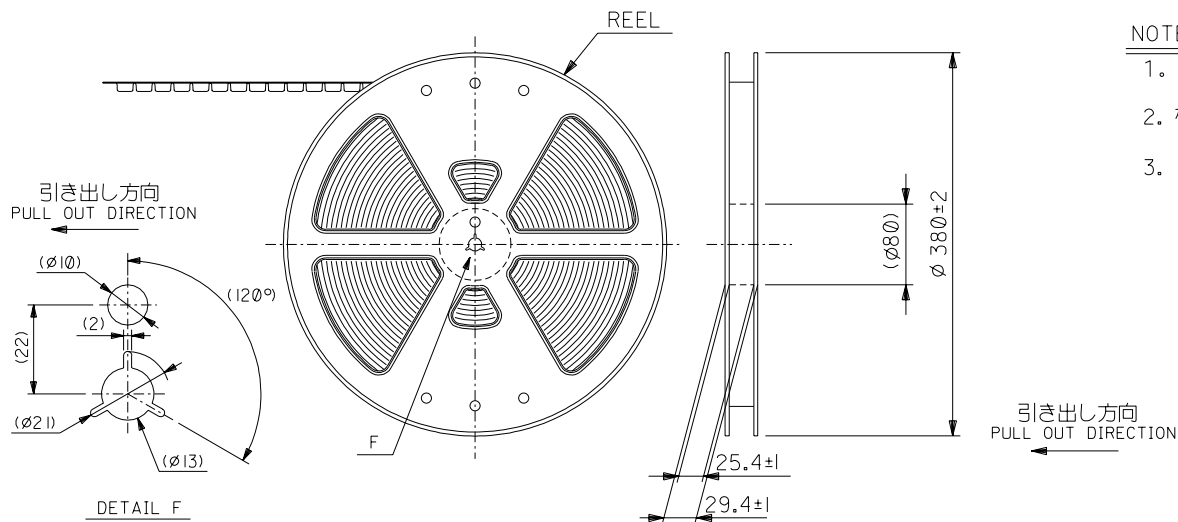
SECTION



MATING

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

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

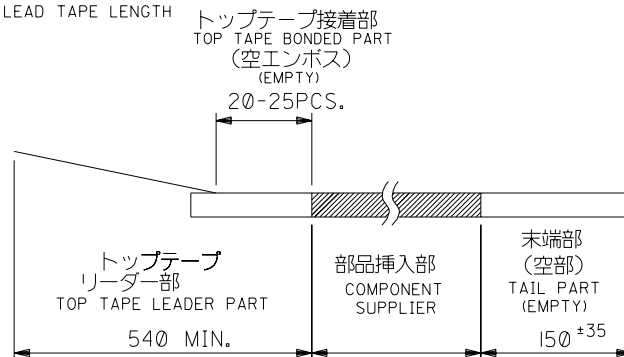


エンボステープ内の製品の向き
DIRECTION OF CONNECTOR IN EMBOSSED TAPE

163NO. DRWN: CHK: APPR:	163NO. DRWN: CHK: APPR:	162NO. DRWN: CHK: APPR:	REVISED 161NO. J2004-2727 DRWN:M.NINOMIYA '04/02/27 CHK: K.TOJO '04/02/27 APPR:M.SASAO '04/02/27	RELEASED 160NO. J2004-2408 DRWN:M.NINOMIYA '04/02/13 CHK: K.TOJO '04/02/13 APPR:M.SASAO '04/02/13	DESCRIPTION	MATERIAL 材料	SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE —#—	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISION ON CAD ONLY
						10 UNDER 未満		±0.2	DRAWN BY & DATE M.NINOMIYA '04/02/13	TITLE: USB SERIES MINI-B REC.HS'G EMBOSSED ASS'Y -LEAD FREE-					
						10 OVER 以上		30 UNDER 未満	±0.25		CHECKED BY & DATE K.TOJO '04/02/13				
						30 OVER 以上		±0.3	APPROVED BY & DATE H. Sato '04/02/13		MOLEX INCORPORATED				
WIRE RANGE 適用電線範囲							—#—	ANGLE 角度	±3°	CAD FILENAME SD-54819-025.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-54819-025		SHEET NO. 1 OF 1	
INS. RANGE 被覆外径							—#—	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B				

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



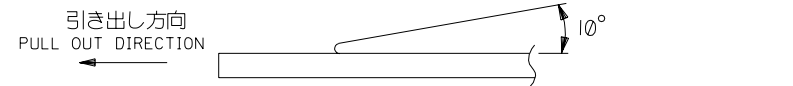
4. トップテープの剥離強度：0.1 ～ 1.3 N {10 ～ 130gf}
（剥離方向は下図参照） キャリアテープ幅：24mm

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 REQUIREMENTS 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) PEEL OFF DIRECTION



5. 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

6. 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.