

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

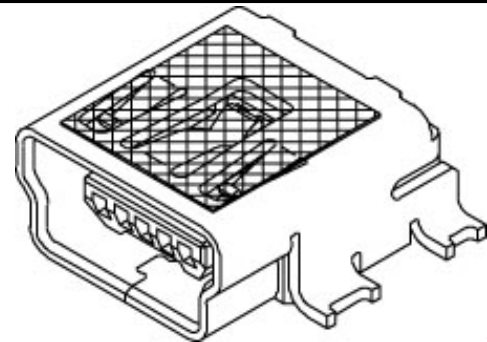
0548190572

Status:

Active

Description:

USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, SMT Solder Tails and Shell Tabs, with Cover Tape, Lead-free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-56579-015 \(PDF\)](#)
- [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

Product Specification

PS-56579-015, RPS-54819-019, RPS-54819-020, RPS-54819-022, RPS-54819-024, RPS-54819-026,

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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

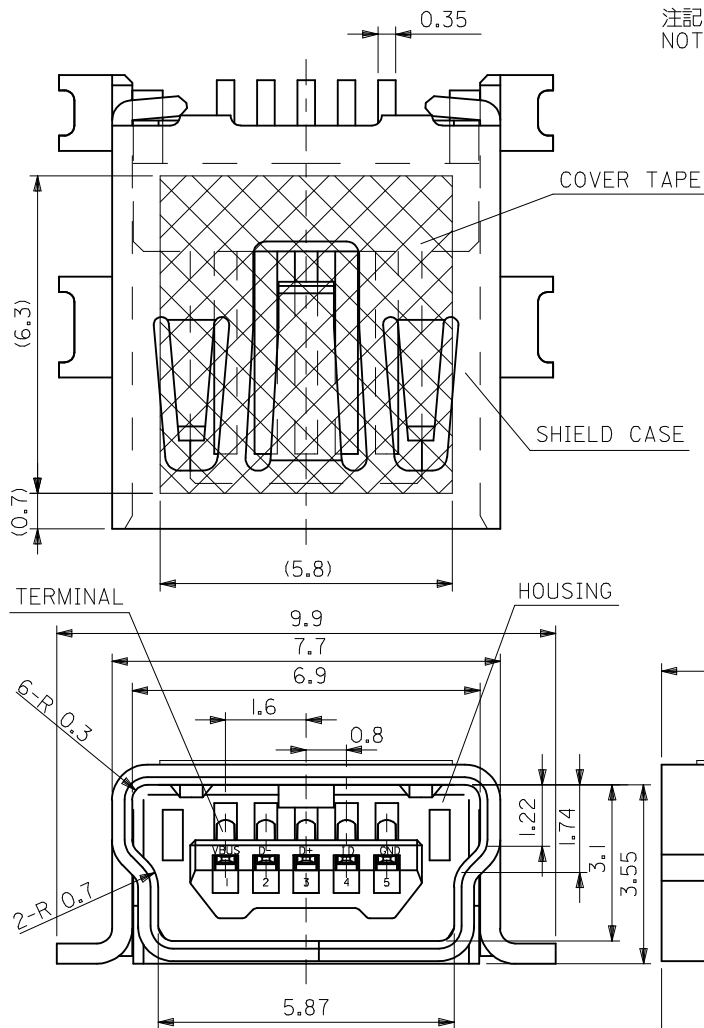
54819Series

Mates With

59204-9401 , 59205-3301

This document was generated on 03/31/2010

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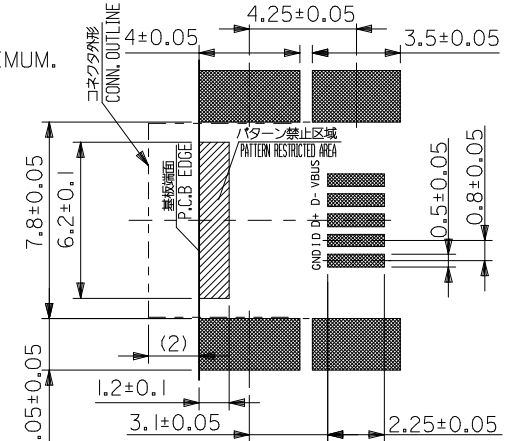
注記 1. 材質
NOTES MATERIAL

ハウジング: ポリアミド, ガラス充填, 黒色, UL94V-0
HOUSING: PA, GLASS FILLED, 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)

2. メッキ仕様
PLATING

ターミナル
TERMINAL
接点部: 金メッキ 0.75 MICROMETER MIN.
CONTACT AREA: GOLD 0.75 MICROMETER MINIMUM.
半田付け部: 錫メッキ 無光沢 1.0 MICROMETER MIN.
SOLDER TAIL AREA: MATTETIN 1.0 MICROMETER MINIMUM.
下地部: ニッケルメッキ 4.0 MICROMETER MIN.
UNDER PLATING: NICKEL 4.0 MICROMETER MINIMUM.
シールド ケース
SHIELD CASE
: 錫メッキ 半光沢 1.0 MICROMETER MIN.
: SEMI-MATTETIN 1.0 MICROMETER MINIMUM.
下地部: ニッケルメッキ 4.0 MICROMETER MIN.
UNDER PLATING: NICKEL 4.0 MICROMETER MINIMUM.

3. テール、ネール平坦度は0.1mm MAX.
TAIL, NAIL COPLANARITY 0.1mm MAX.
4. 本製品は54819-0571の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54819-0571.



推奨基板寸法 (部品実装側)
RECOMMENDED P.C.B. PATTERN LAYOUT (PART MOUNT SIDE)

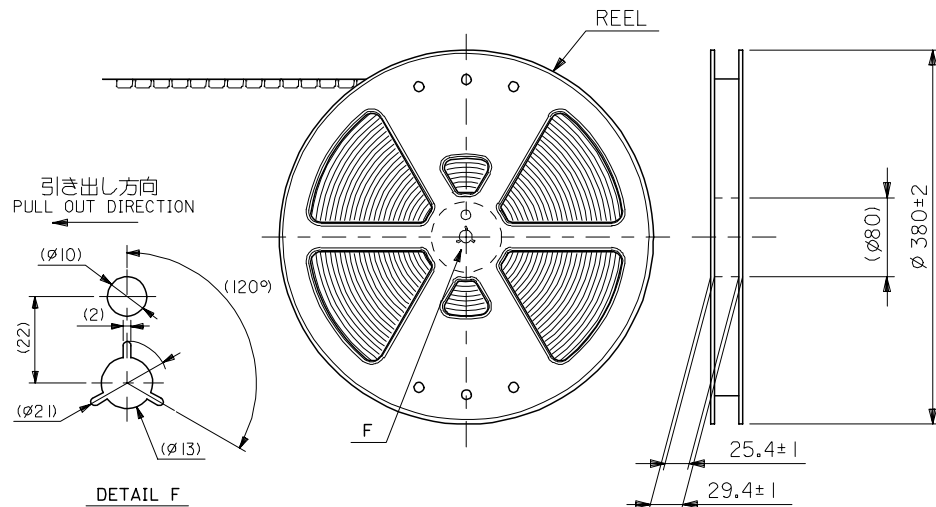
54819-0572	54819-0579
EMBOSSD TAPE	MATERIAL No.
ORDER No.	
MODEL No. 54819-**-79	

REVISED EC NO.: J2009-1533 DRAWN: SATO CHKD: MATSUMOTO APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY H. KAWABATA	DATE 2004/05/21	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 2004/05/21					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/05/21					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54819-027		1 OF 2		
REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



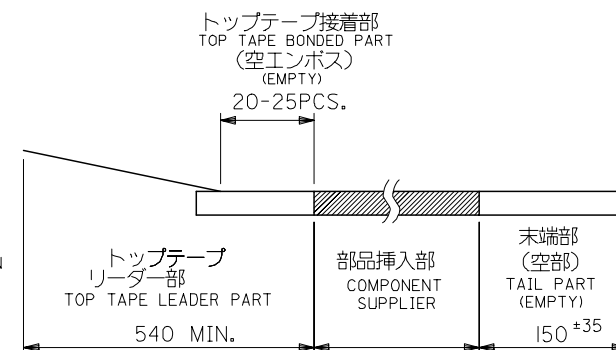
tb_frame_A3_J_ME_S
Rev. E 2006/04/15

10 9 8 7 6 5 4 3 2 1



NOTES

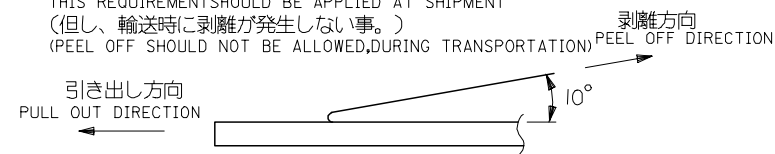
- 54819-0579の詳細はSD-54819-027参照
IN THE PACKAGE PART NO.54819-0579 DETAILED , SEE SD-54819-027
- 梱包数量: 800 個/リール
NUMBER OF CONNECTORS: 800 PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH



- 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
CARRIER TAPE WIDTH

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)



- 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 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 54819-0578.

54819-0572

MATERIAL NO.

MODEL NO.

54819-**72

SCALE

2:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

DRAWN BY DATE

H. KAWABATA 2004/05/21

CHECKED BY DATE

K. TOJO 2004/05/21

APPROVED BY DATE

M. SASAO 2004/05/21

MATERIAL NO.

SEE CHART

SIZE

A3

USB SERIES MINI-B
REC.HS'G EMBOSSED ASS'Y
-LEAD FREE-

MOLEX INCORPORATED

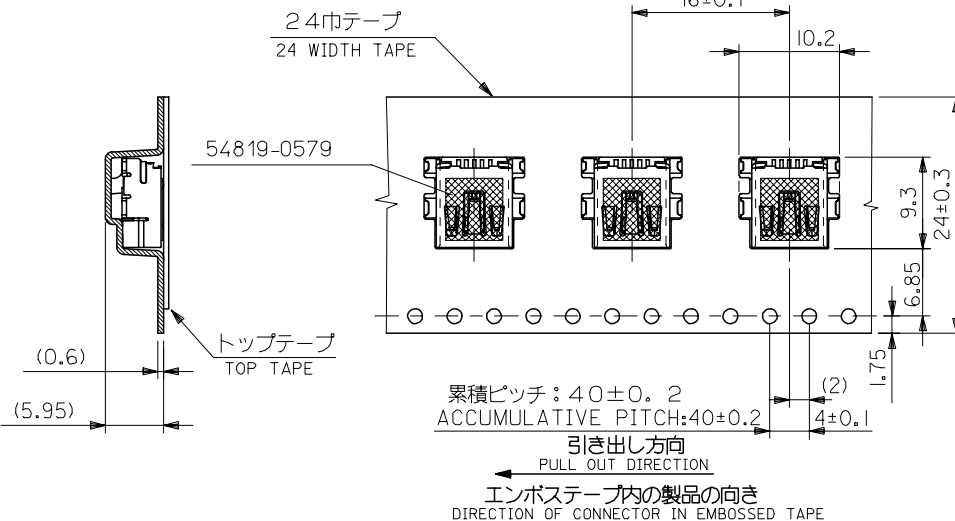
DOCUMENT NO.

SD-54819-028

SHEET NO.

1 OF 1

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REVISED
EC NO: J2006-0378
DRWN: YANAGI MOTO 2005/08/03
CHKD: TANAKA 2005/08/03
APPR: NUKITA 2005/08/17

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	
1	REV