

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0565790519**  
**Status:** **Active**  
**Description:** USB On-The-Go (OTG) Mini-AB Receptacle, Right Angle, Through Hole Solder Tails and Shell Tabs, Lead-free

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	56579
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB, USB OTG (On-The-Go)
Type	Mini-AB (OTG)

**Physical**

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Gray
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA), Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.071 In
PC Tail Length (mm)	1.80 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.031 In
PCB Thickness Recommended (mm)	0.80 mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface (in)	0.031 In
Pitch - Mating Interface (mm)	0.80 mm
Pitch - Term. Interface (in)	0.031 In
Pitch - Term. 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
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

**Electrical**

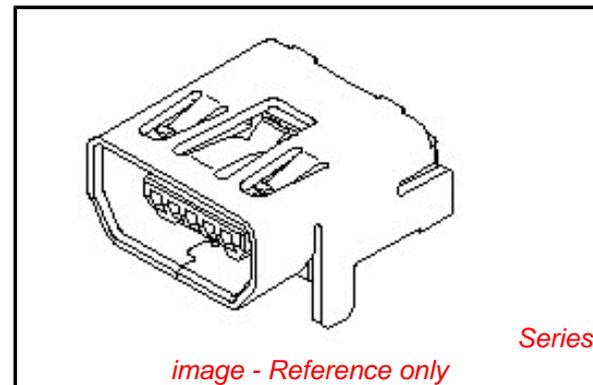


image - Reference only

**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](mailto: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**

56579Series

**Mates With**

59205-3301 , 59204-9405

Current - Maximum per Contact  
Shield Type  
Shielded  
Voltage - Maximum

1A  
Full Shield  
Yes  
30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-56579-015, RPS-56579-004, RPS-56579-007,  
RPS-56579-009, RPS-56579-010

Sales Drawing

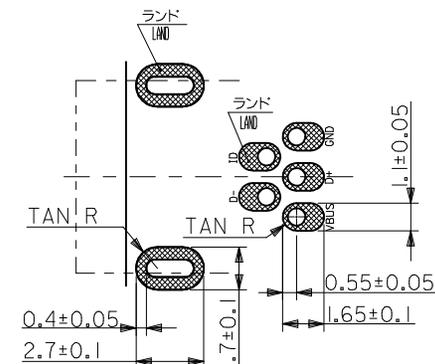
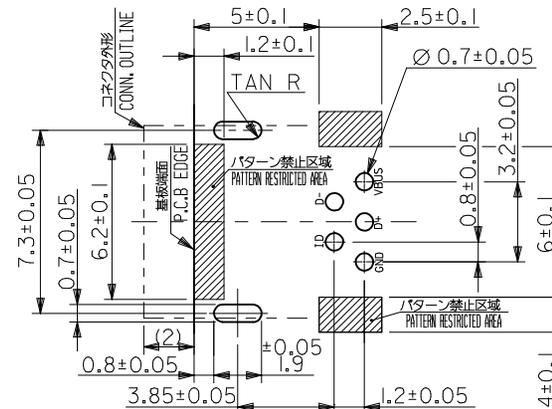
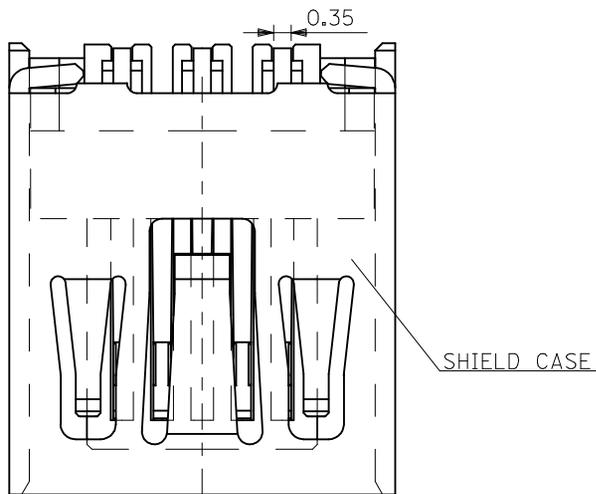
SD-56579-014

This document was generated on 03/31/2010

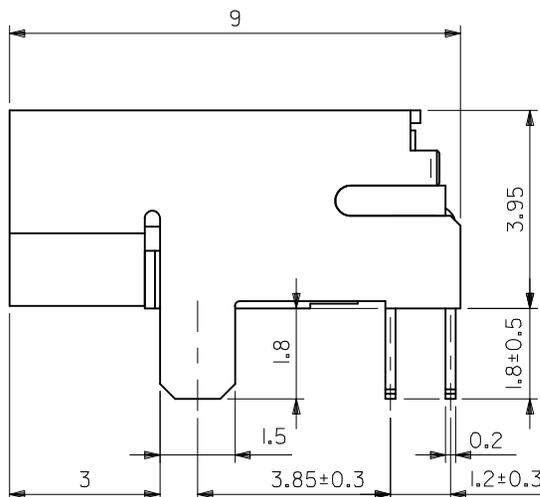
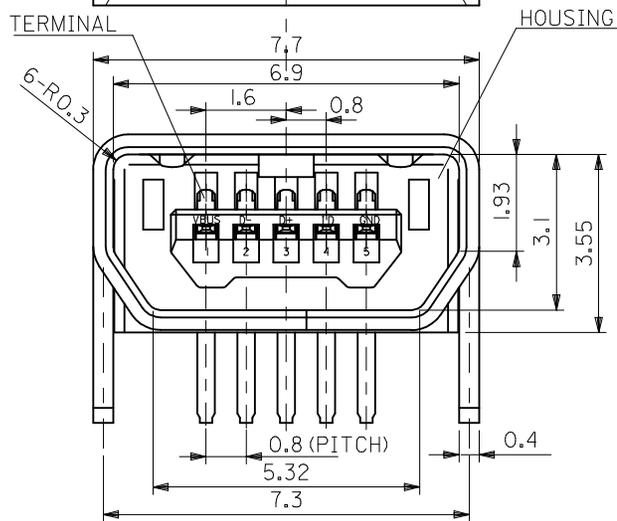
**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

コネクタ実装側 (CONNECTOR MOUNT SIDE)

逆側 (REVERSE SIDE)



推奨基板寸法  
RECOMMENDED P.C.B. PATTERN LAYOUT



注記 1. 材質  
NOTES MATERIAL

ハウジング: PA, ガラス充填, 灰色, UL94V-0  
HOUSING: PA, GLASS FILLED, GRAY, 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)

2. メッキ仕様  
PLATING

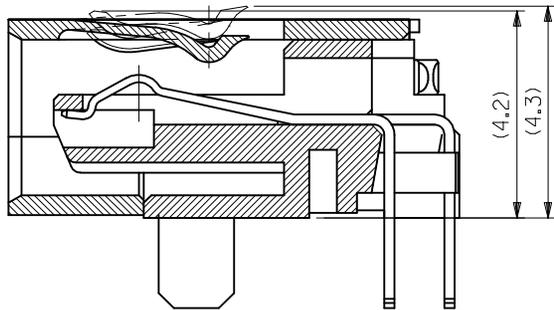
ターミナル  
TERMINAL  
接点部: 金メッキ 0.76MICRO METER MIN.  
CONTACT AREA: GOLD 0.76MICRO METER MIN.  
半田付け部: 銅メッキ 1.0MICRO METER MIN.  
SOLDER TAIL AREA: TIN 1.0MICRO METER MIN.  
下地部: ニッケルメッキ 4.0MICRO METER MIN.  
UNDER PLATING: NICKEL 4.0MICRO METER MIN.  
シールド ケース  
SHIELD CASE  
: 銅メッキ 1.0MICRO METER MIN.  
: TIN 1.0MICRO METER MIN.  
下地部: ニッケルメッキ 1.0MICRO METER MIN.  
UNDER PLATING: NICKEL 1.0MICRO METER MIN.

3. 本製品は56579-0511の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 56579-0511

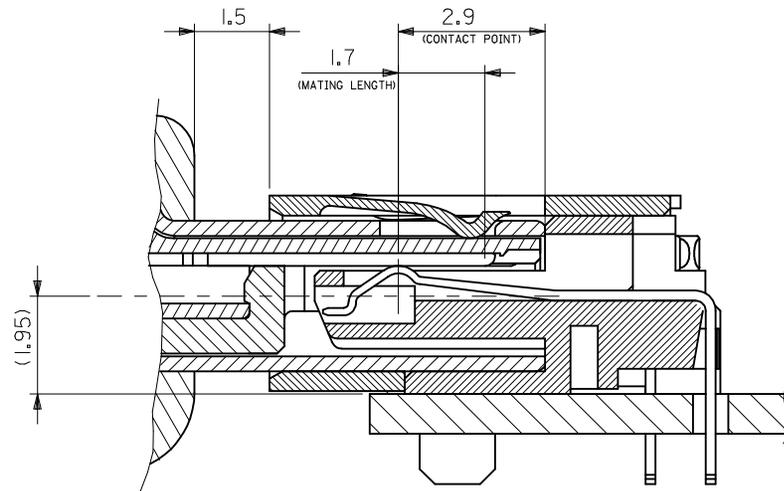
56579-0519  
TRAY PKG.  
ORDER NO.

MODEL No.56579-\*\*-19

REVISED EC NO: J2009-1533 DRW: NESATO 2009/06/25 CHKD: MATSUMOTO 2009/06/25 APPR: NUKITA 2009/06/25	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY M. NAGATA	DATE 2004/03/10	TITLE USB SERIES MINI-AB REC.ASS'Y DIP -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/03/10	MOLEX INCORPORATED			
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/03/10	DOCUMENT NO. SD-56579-014			
ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 2			
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



SECTION



MATING

MODEL No.56579-\*\*-19

REVISED EC NO.: J2009-1533 DRW: NESATO 2009/06/25 CHK: D: MATSUMOTO 2009/06/25 APPR: NUKITA 2009/06/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY M. NAGATA	DATE 2004/03/10	TITLE USB SERIES MINI-AB REC. HS'G ASS'Y (DIP) -LEAD FREE-	
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/03/10	MOLEX INCORPORATED	
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/03/10	DOCUMENT NO. SD-56579-014	SHEET NO. 2 OF 2
A	DESCRIPTION	ANGULAR ±3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHEET 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9