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Part Number: [0675031340](#)
Status: **Active**
Overview: [usb_otg_onthego](#)
Description: 0.80mm (.031") Pitch, USB On-The-Go (OTG) Mini-B Receptacle, Through Hole, Right Angle, Straight Solder Tabs, with PCB Locator Plastic Pegs, Lead Free

Documents:

[3D Model](#) [Product Specification PS-67803-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

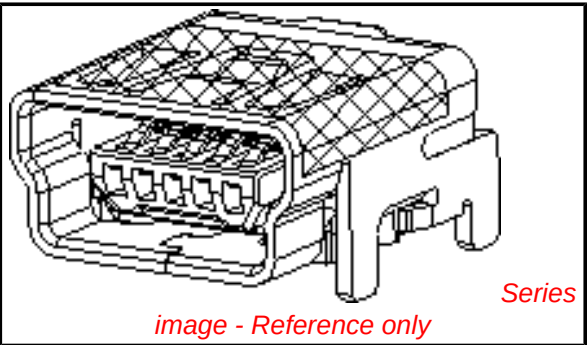
Product Family	I/O Connectors
Series	67503
Application	Wire-to-Board
Component Type	Receptacle
Overview	usb_otg_onthego
Product Name	USB OTG (On-The-Go)
Type	Mini-B

Physical

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.039 In
PCB Thickness Recommended (mm)	1.00 mm
Packaging Type	Embossed Tape on Reel
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
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.80
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	0°C to +50°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	1A
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EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[67503Series](#)

Mates With

[47014](#) USB Mini-B Plug Kit

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-67503-001
Product Specification	PS-67803-001
Sales Drawing	SD-67503-013

This document was generated on 05/19/2010

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NOTES :

1.MATERIAL :

HOUSING : NYLON, GLASS FILLER, BLACK, UL94V-0.
 TERMINAL : COPPER ALLOY, THICKNESS=0.2mm.
 SHIELD CASE : COPPER ALLOY, THICKNESS=0.4mm.

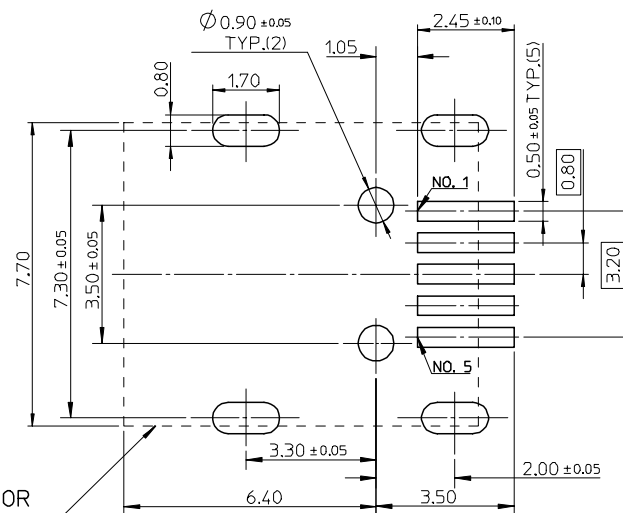
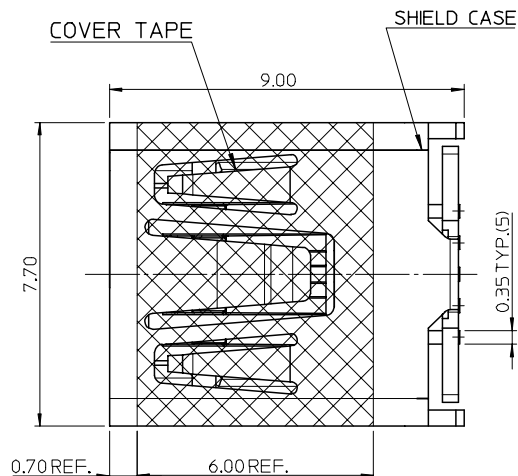
2.PLATING :

TERMINAL :
 CONTACT AREA : GOLD, 0.75 MICROMETER MINIMUM.
 SOLDER AREA : PURE TIN, 3.8 MICROMETER MINIMUM.
 UNDER PLATING : NICKEL, 1.25 MICROMETER MINIMUM.
 SHIELD CASE :
 PURE TIN(Sn): 1-3 MICROMETER.
 UNDER PLATING : NICKEL, 1.0 MICROMETER MINIMUM.

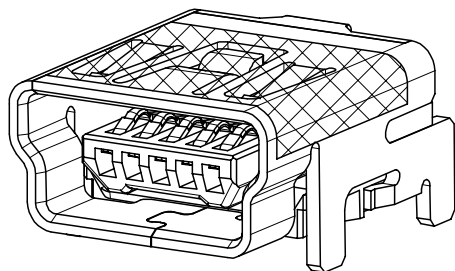
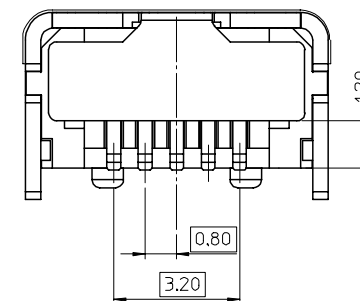
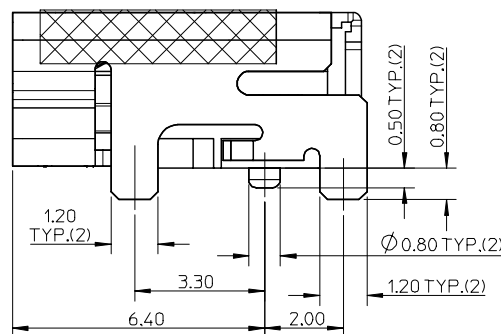
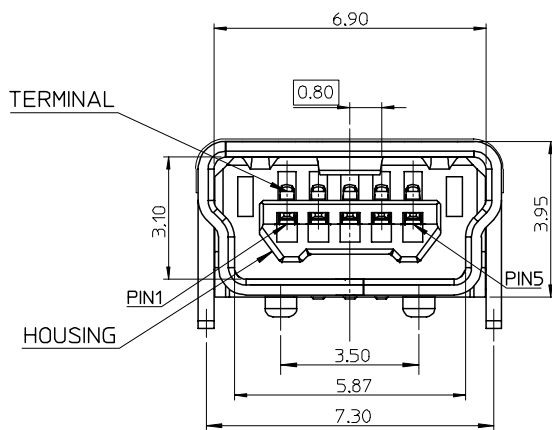
3.TAIL COPLANARITY TO BE 0.1mm MAXIMUM.

4.PRODUCT SPECIFICATION REFER TO PS-67803-001.

5.PACKAGING INFORMATION REFER TO PK-67503-001.



RECOMMENDED P.C.B. LAYOUT
 (THICKNESS = 1.0mm)



REVISE EC NO: SH2007-0150 DRWN:XJ.SONG 2006/09/06 CHKD:WANG 2006/09/07 APPR: JNCHEN 2006/09/18	DESCRIPTION	QUALITY SYMBOLS ▽-0 ▽C-0 ▽S-0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY					
					DIMENSION STYLE MM ONLY		TITLE USB SERIES MINI-B REC. ASS'Y FOR SMT TYPE III(LEAD FREE)						
					DRAWN BY ALLEN						DATE '01/10/25		
					CHECKED BY VLIN		DATE '01/10/25		MOLEX INCORPORATED				
					APPROVED BY ELAN		DATE '01/10/25						MATERIAL NO. 67503-1340
D	REV		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								A3