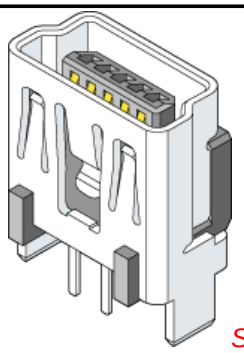
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 5000751517

Status: Active

Description: USB On-The-Go (OTG) Mini-B Receptacle, Vertical, Through Hole Solder Tails and Shell Tabs, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-500075-002 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	I/O Connectors
Series	500075
Application	Wire-to-Board
Component Type	Receptacle
MolexKits	Yes
Product Name	USB, USB OTG (On-The-Go)
Type	Mini-B

Physical

Boot Color	N/A
Circuits (Loaded)	5
Color - Resin	Black
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.079 In
PC Tail Length (mm)	2.00 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
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

Current - Maximum per Contact	1A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

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
500075Series

Mates With
59204 mini-B cable assembly

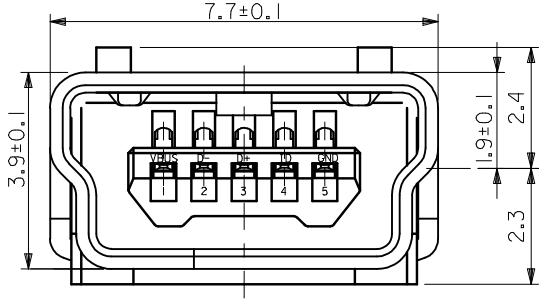
Material Info

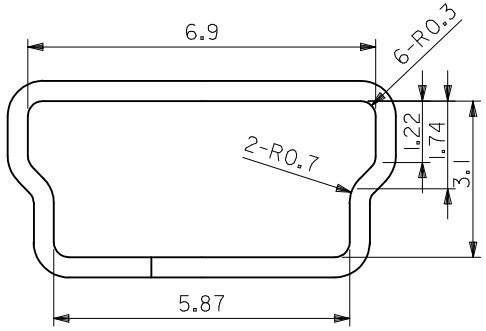
Reference - Drawing Numbers

Product Specification	PS-500075-002, RPS-500075-004
Sales Drawing	SD-500075-008

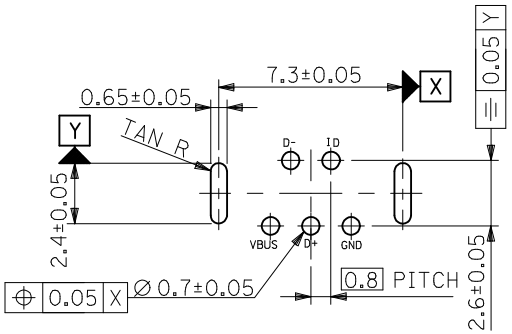
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

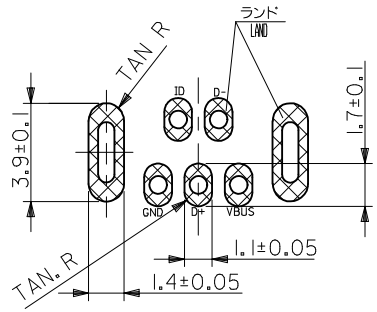




DEATAIL FRONTAGE



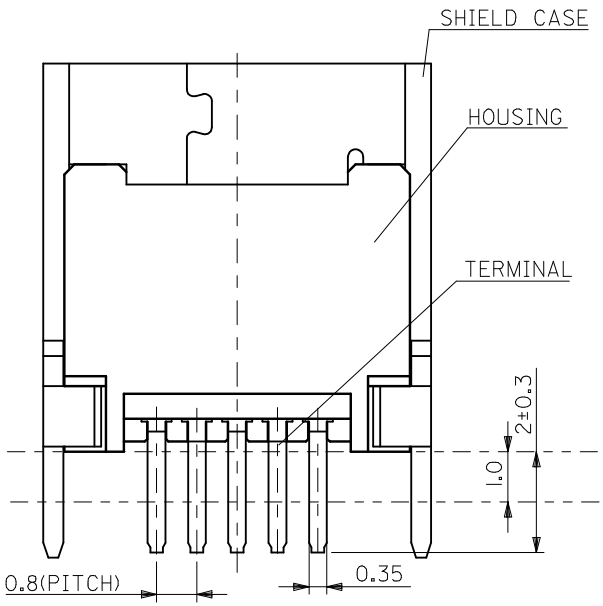
コネクタ実装側 (CONNECTOR MOUNT SIDE)

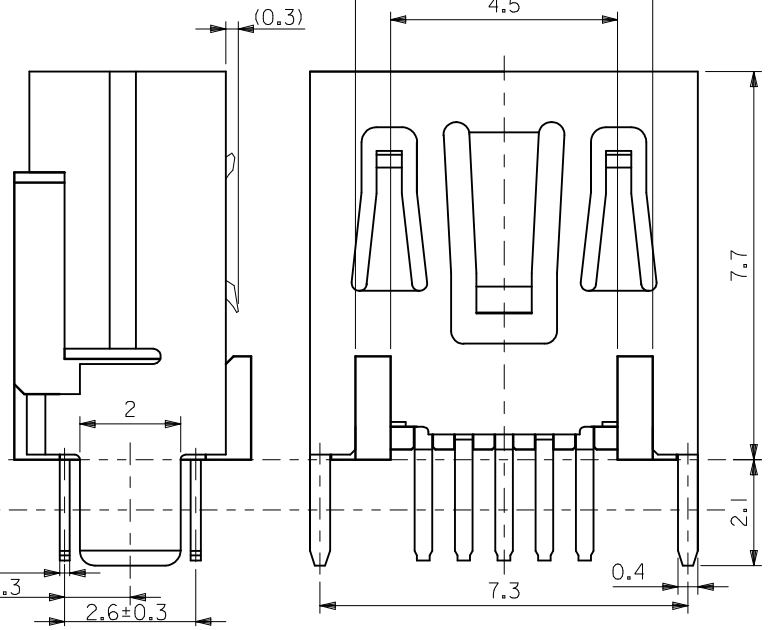


逆側 (REVERSE SIDE)

推奨基板寸法

RECOMMENDED P.C.B. PATTERN LAYOUT





注記
NOTES

1. 材質
MATERIAL
ハウジング：ポリアミド，黒色，UL94V-0
HOUSING: POLYAMIDE , 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)

2. メッキ仕様
PLATING
ターミナル TERMINAL
接点部：金メッキ
CONTACT AREA:GOLD
半田付け部：錫メッキ
SOLDER TAIL AREA:TIN
下地部：ニッケルメッキ
UNDER PLATING:NICKEL
シールド ケース SHIELD CASE
：錫メッキ
:TIN
下地部：ニッケルメッキ
UNDER PLATING:NICKEL

REVISED				
EC NO: J2009-1533	DRWN:ESATO	2009/06/25	DESCRIPTION	REV
	CH'KD:HMATSUMOTO	2009/06/25		
	APPR:NUKITA	2009/06/25		
	A			

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

DIMENSION STYLE: MM ONLY	SCALE: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: MNABEI DATE: '04/08/30	TITLE: USB SERIES MINI-B STRAIGHT TYPE 2 REC ASSY -LEAD FREE-		
CHECKED BY: KTOJO DATE: '04/08/30			
APPROVED BY: NUKITA DATE: '04/08/30	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-500075-008	SHEET NO.: 1 OF 1	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		