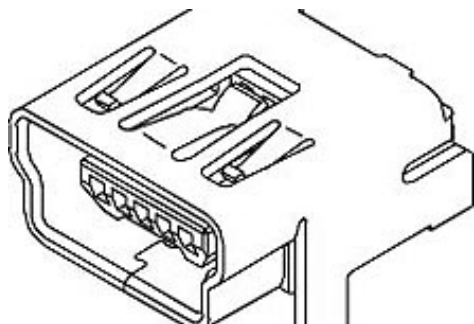


Part Number: 54819-0519

USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, Through Hole Solder Tails and Shell Tabs, Lead-Free



Series image - Reference only

Product Environmental Compliance

EU RoHS:ELV and RoHS Compliant

China RoHS: 

REACH SVHC:Not Reviewed

Low-Halogen Status:Not Low-Halogen

Part Detail

General

Status	Active
Category	I/O Connectors
Series	54819
Application	Wire-to-Board
Component Type	Receptacle
Overview	Consumer USB Products
Product Name	USB OTG (On-The-Go)
Type	Mini-B
UPC	822348124435

Physical

Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle

Conductor	Receptacle
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.500/g
Orientation	Right Angle
PC Tail Length	1.80mm
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole
Wire Size AWG	N/A

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1A
Shielded	Yes
Voltage - Maximum	30V

Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number.

UL	E29179
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Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54819-001
Product Specification	PS-56579-015, RPS-54819-017, RPS-54819-030, RPS-54819-032, RPS-54819-033, RPS-56579-003, RPS-56579-004, RPS-56579-007, RPS-56579-008, RPS-56579-009, RPS-56579-010
Sales Drawing	SD-54819-026



Instance:548190519

Instance:548190519

MATERIAL NO.: 548190519

CIRCUIT SIZE : 5

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET NO.
1 OF 1

SIZE
A4

molex

10

9

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1

F

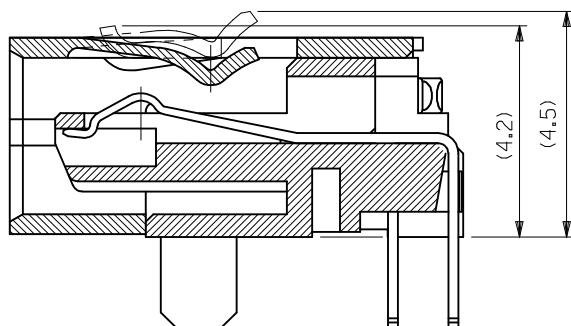
E

D

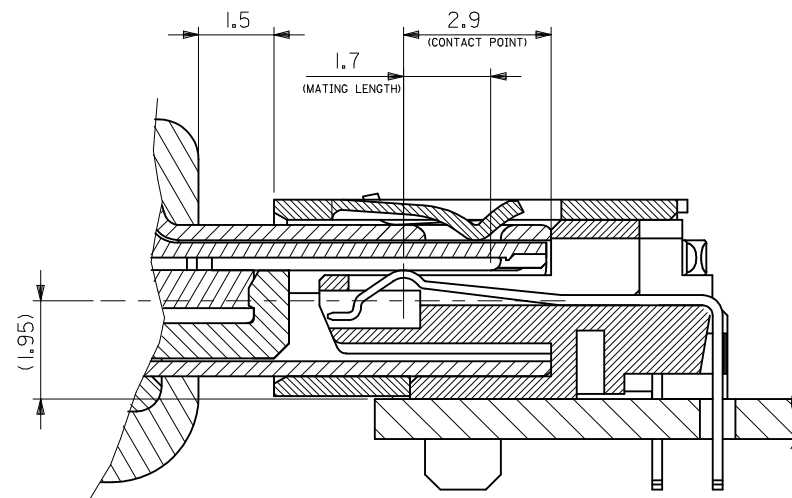
C

B

A



SECTION



MATING

REVISED	EC NO: J2009-1533	2009/06/25
	DRW:ESATO	2009/06/25
	CHKD:HMATSUMOTO	2009/06/25
	APPR:NUKITA	2009/06/25
A	DESCRIPTION	REV

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 DIMENSIONSDIMENSION STYLE
MM ONLY

DRAWN BY	DATE
M. NAGATA	2004/04/28
CHECKED BY	DATE
K. TOJO	2004/04/28
APPROVED BY	DATE
M. SASAO	2004/04/28

MATERIAL NO.

SEE SHEET 1

SIZE
A3THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
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MODEL NO. 54819-**-19

SCALE
10:1DESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONUSB SERIES MINI-B
RECEPTACLE ASS'Y
-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.

SD-54819-026

SHEET NO.

2 OF 2

9

8

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