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Part Number: [5031591000](#)
Status: **Active**
Description: 1.50mm (.059") Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Through Hole, Vertical, with Peg, 10 Circuits

Documents:
[3D Model](#) [Product Specification PS-503159-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

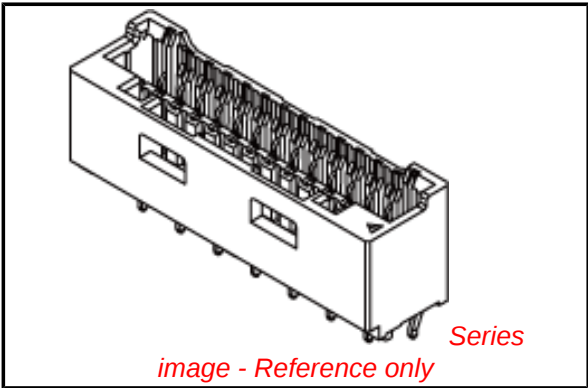
General
Product Family PCB Receptacles
Series [503159](#)
Application Wire-to-Board
Product Name CLIK-Mate™

Physical
Circuits (Loaded) 10
Color - Resin Beige
Durability (mating cycles max) 30
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.059 In
Pitch - Mating Interface (mm) 1.50 mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Stackable No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 2A
Voltage - Maximum 100V

Material Info

Reference - Drawing Numbers
Product Specification PS-503159-001, RPS-503159-001, RPS-503159-003
Sales Drawing SD-503159-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



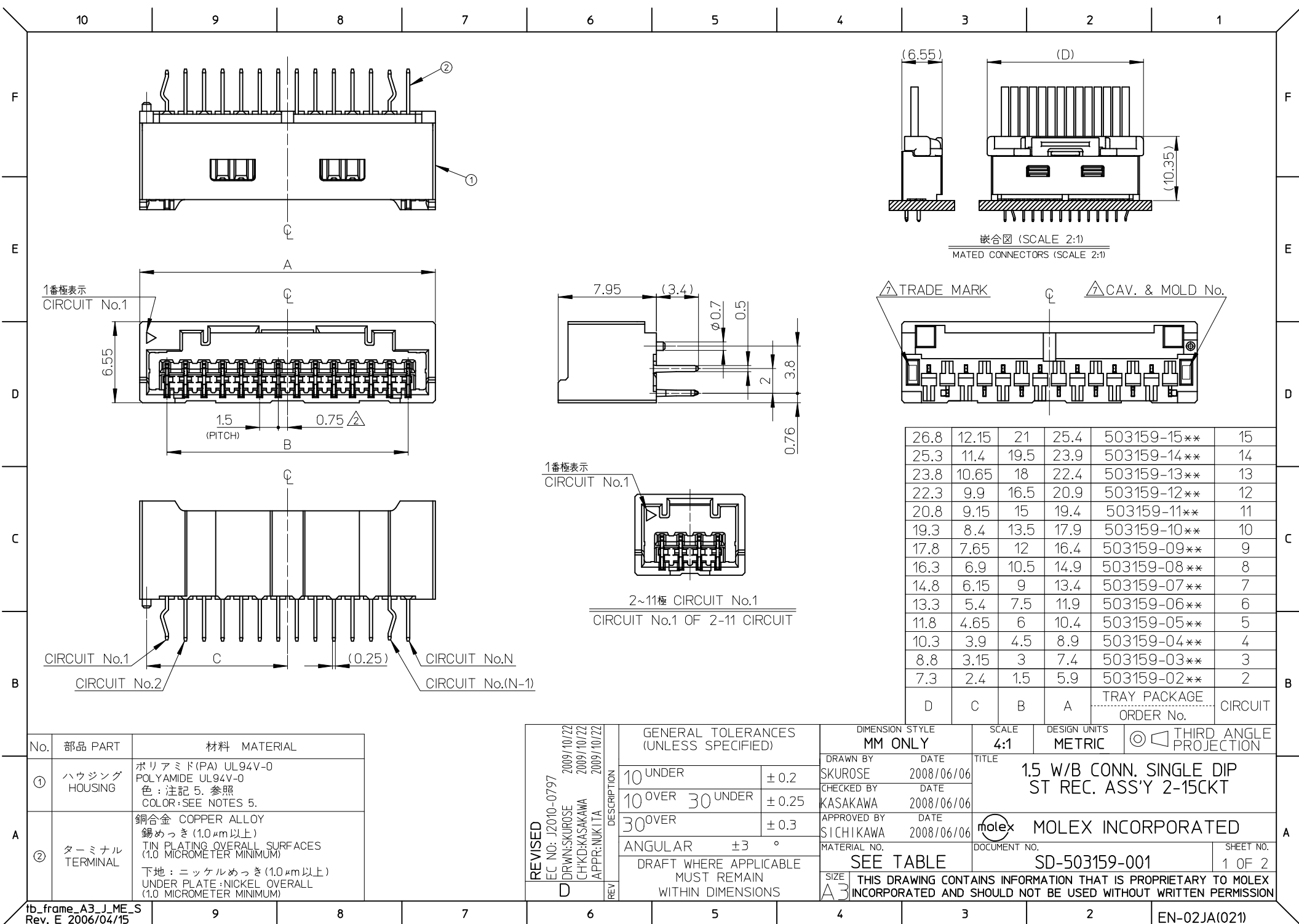
Need more information on product environmental compliance?

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
[503159Series](#)

Mates With
[502578](#) Crimp Housing . [502579](#) Crimp Terminal



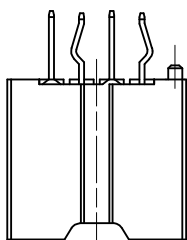


FIGURE OF 2-5 CIRCUIT (LOOK SIDE AND UN-LOCK SIDE)

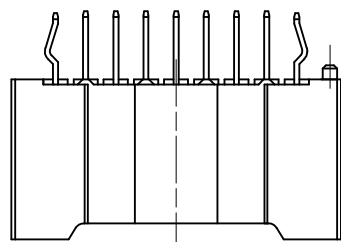


FIGURE OF 6-10 CIRCUIT (UN-LOCK SIDE)

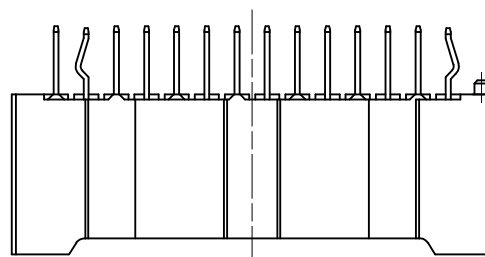
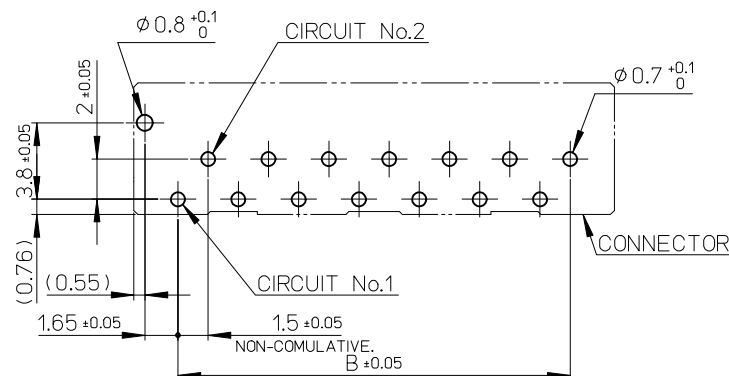


FIGURE OF 11-15 CIRCUIT (UN-LOCK SIDE)


$$(t=1.6)$$

金型番号: アルファベット1文字にて構成.
TRADE MARK: FORMED BY M AND 1~2 MORE LETTER OF ALPHABET (e.g. MXJ),
BUT "J" MEANS JAPAN.
CAVITY NO.: FORMED BY 1 DIGIT TO 2 DIGIT NUMBERS.
MOLD NO.: FORMED BY 1 LETTER OF ALPHABET.

REVISED	EC NO: J2010-0797	2009/10/22	DRAWN:SKUROSE	2009/10/22	CHK'D:KASAKAWA	2009/10/22	APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
									10 UNDER	± 0.2	DRAWN BY SKUROSE	DATE 2008/06/06	TITLE 1.5 W/B CONN. SINGLE DIP ST REC. ASS'Y 2-15CKT			
									10 OVER 30 UNDER	± 0.25	CHECKED BY KASAKAWA	DATE 2008/06/06				
									30 OVER	± 0.3	APPROVED BY SICHIKAWA	DATE 2008/06/06				
									ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-503159-001		2 OF 2	
									D	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					