

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5019125190](#)
Status: **Active**
Description: 0.30mm (.012") Pitch Easy-On™ FPC Connector, Right Angle, SMT, Bottom Contact Style, 1.80mm (.071") Mated Height, 51 Circuits

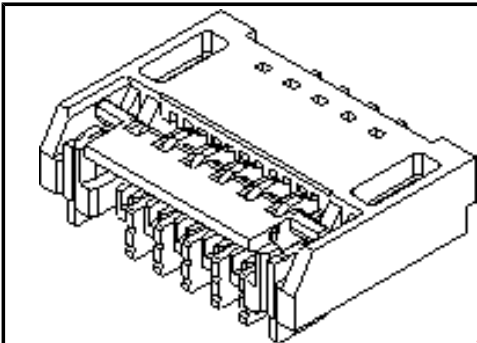
Documents:
[3D Model](#) [Product Specification PS-501912-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	FFC/FPC Connectors
Series	501912
Product Name	Easy-On™
Physical	
Circuits (Loaded)	51
Circuits (maximum)	51
Color - Resin	Black, Natural
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height (in)	0.071 In
Mated Height (mm)	1.80 mm
Material - Metal	Copper, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.012 In
Pitch - Mating Interface (mm)	0.30 mm
Pitch - Term. Interface (in)	0.012 In
Pitch - Term. Interface (mm)	0.30 mm
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FPC only

Electrical	
Current - Maximum per Contact	0.2A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers	
Product Specification	PS-501912-001, RPS-501912-003
Sales Drawing	SD-501912-001, SD-501912-002



Series
image - Reference only

EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed	China RoHS
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Need more information on product environmental compliance?

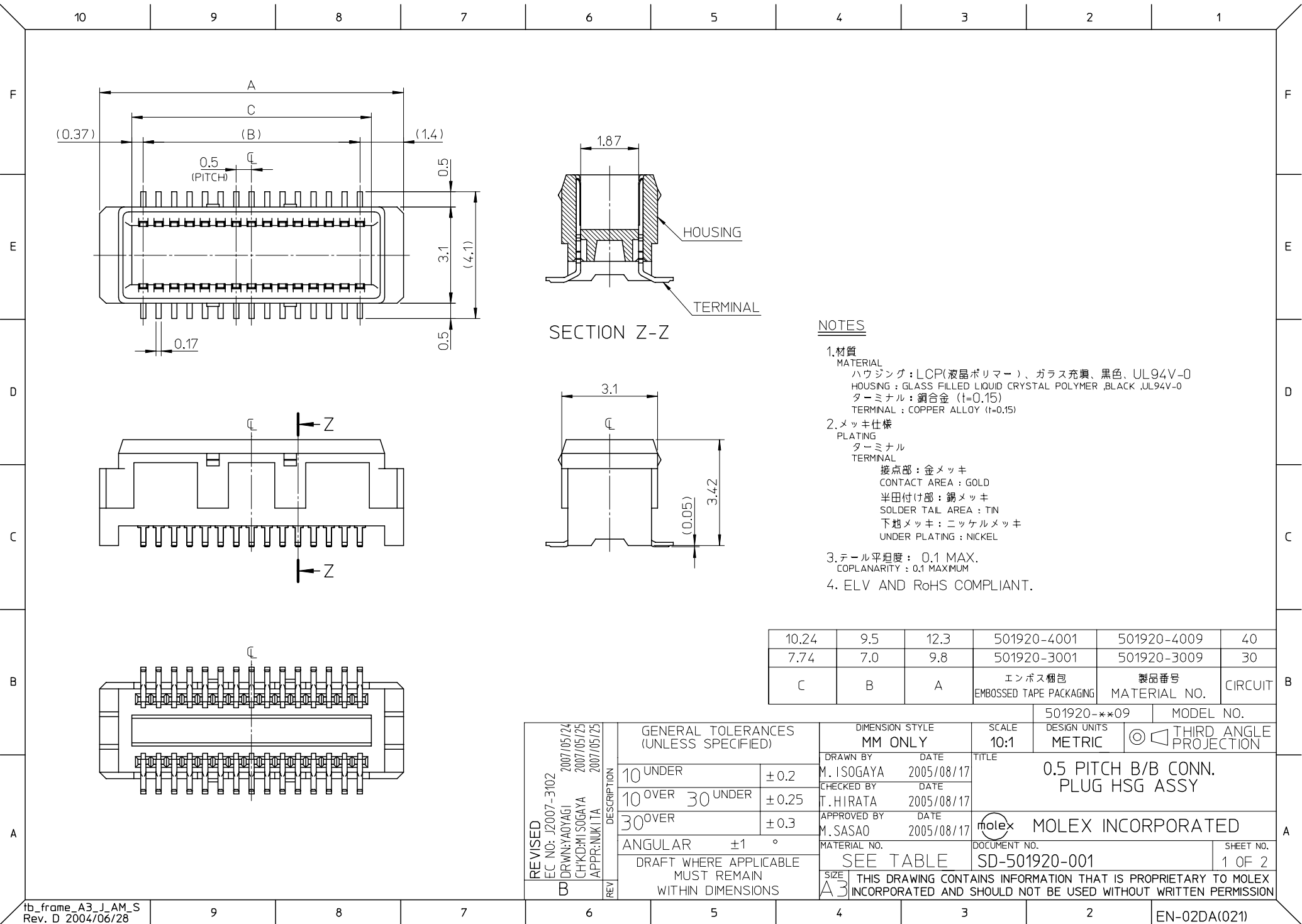
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

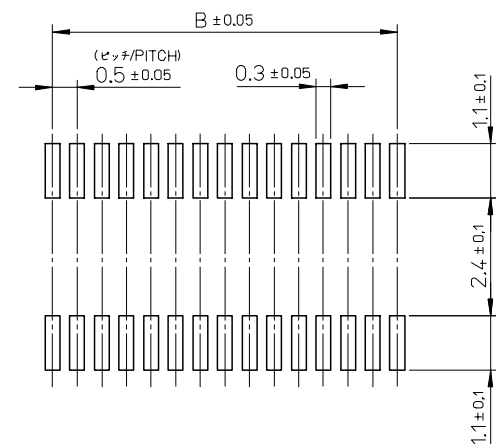
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[501912Series](#)

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MATED DRAWING (REF.)

tb_frame_A3_J_AM_S
Rev. D 2004/06/28

10 9 8 7 6 5 4 3 2 1

F

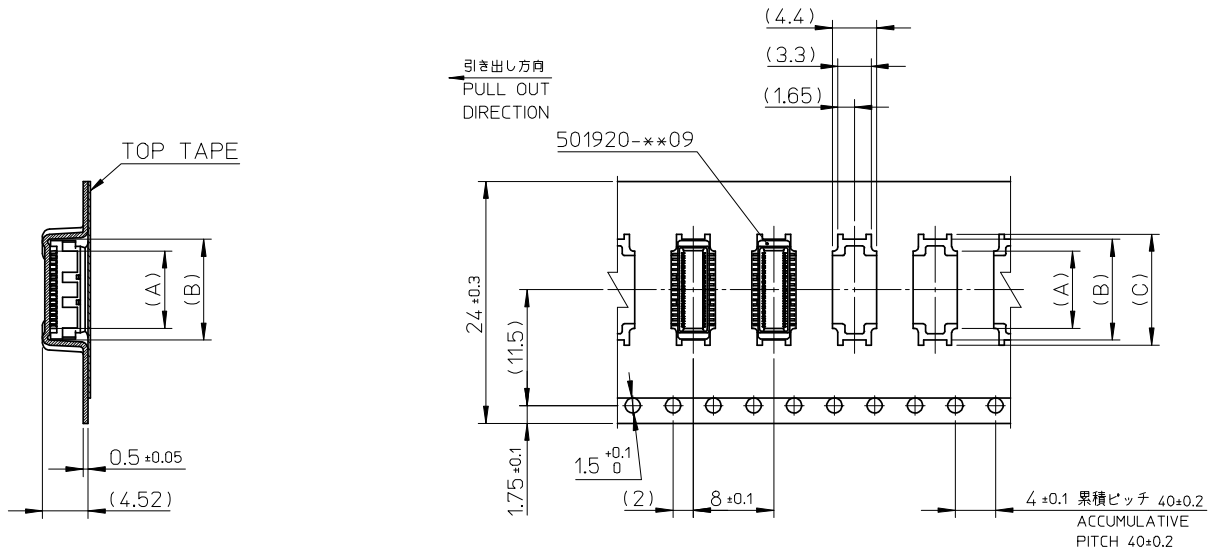
E

D

C

B

A



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	25.4	16.0	15.0	12.67	501920-5001	50
		13.5	12.5	10.17	501920-4001	40
		11.0	10.0	7.67	501920-3001	30
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.	CIRCUIT

REVISED EC NO: J2008-2863 DRWN:TKA/HO CHKD:MSASAO APPR:MSASAO 2008/01/29 2008/01/29 2008/02/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE //	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. ISOGAYA	DATE 2005/08/18	TITLE EMBSTP PKG FOR 0.5 PITCH B/B CONN. PLUG HSG ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HIRATA	DATE 2005/08/18					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2005/08/18	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501920-002		2 OF 2			
	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				