

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5022505191

Status:

Active

Description:

0.30mm (.012") Pitch Easy-On™ BackFlip™ FPC Connector, Right Angle, SMT,Dual Contact Style, 0.90mm (.012") Mated Height, 51 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-502250-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Product Name

FFC/FPC Connectors

502250

BackFlip™, Easy-On™

Physical

Circuits (Loaded)

Color - Resin

Contact Position

Durability (mating cycles max)

Entry Angle

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to PCB

Stackable

Temperature Range - Operating

Termination Interface: Style

Wire/Cable Type

51

Black, Natural

Dual

10

90° Angle

0.035 In

0.90 mm

Copper-Nickel-Tin

Gold

Gold

1

Right Angle

No

Yes

Embossed Tape on Reel

0.012 In

0.30 mm

Yes

No

-25°C to +85°C

Surface Mount

FPC only

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.2A

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-502250-001, RPS-502250-001, RPS-502250-007

SD-502250-003, SD-502250-004

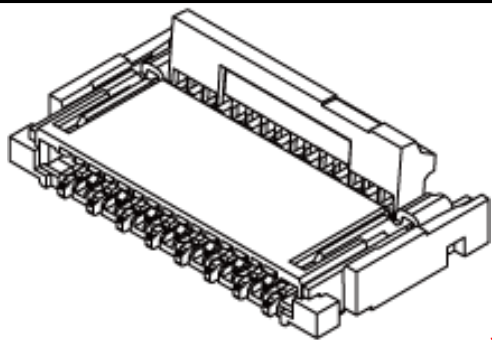


image - Reference only

Series

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](#)

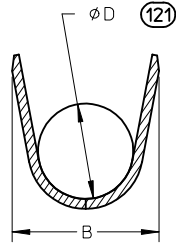
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

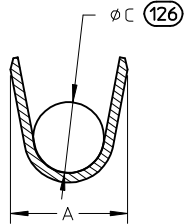
502250Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

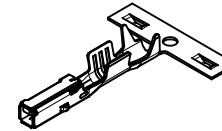
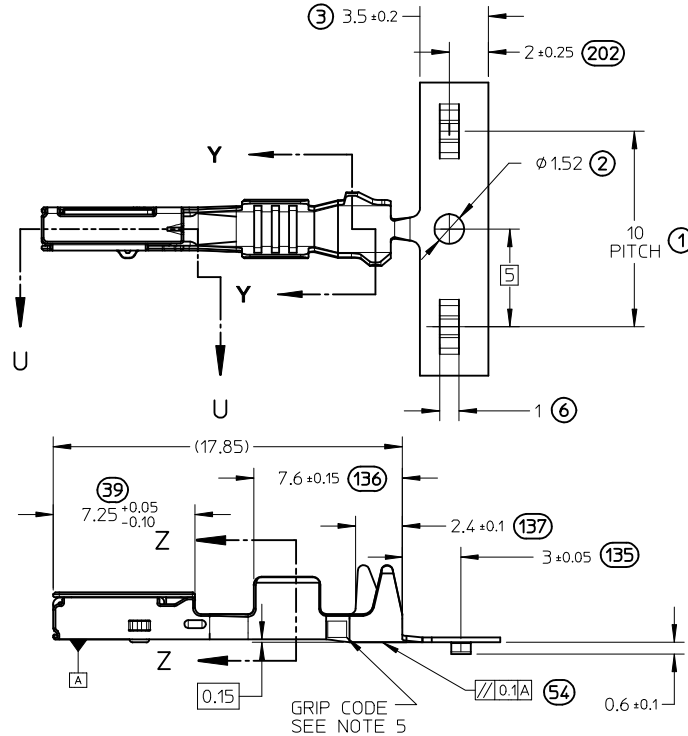
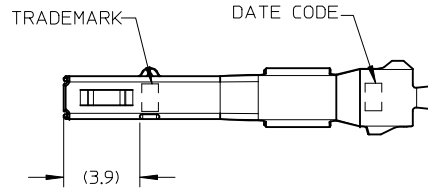
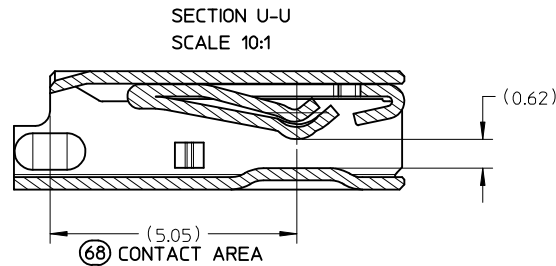
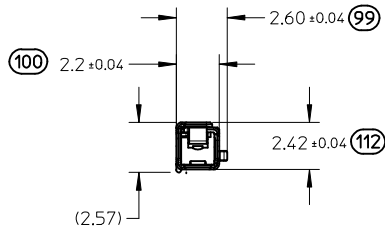
10 9 8 7 6 5 4 3 2 1



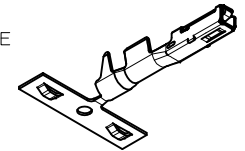
SECTION Y-Y
SCALE 8:1
INSULATION GRIP



SECTION Z-Z
Scale 8:1

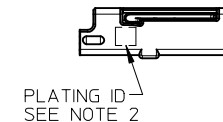


ISO VIEWS
NOT TO SCALE



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: COPPER ALLOY (Sn PREPLATED)
2. PLATING MARK: TIN (Sn) - NO MARK
3. PACKAGING PER PK-31301-053
4. CRIMPING PER CS-502307-001
5. PROBING DOWN THROAT OF TERMINAL NOT ALLOWED



PART NUMBERS		GRIP CODE	WIRE GAUGE			PLATING	DIM A ±0.2	DIM B ±0.3	DIM ØC ±0.1	DIM ØD ±0.1
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)		ISO mm2	JASO mm2	SAE gauge					
502307-0111	502307-0211	S	0.35-0.50	0.30-0.50	22	TIN (Sn)	2	2.6	1	1.54
502307-0112	502307-0212	M	0.75-1.00	0.85-1.25	20/18		2.6	3.2	1.5	1.98
502307-0113	502307-0213	L	1.50-2.00	1.25-2.00	16/14		3.1	3.9	1.8	2.44

ENTER DESCRIPTION EC NO: UAU2010-0062 DRAWN BY: K.FERGUSON CHKD BY: D.NICHOLAS APPR: B.MOSER 2009/09/09		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE CTX150 FEMALE TERMINAL				
			4 PLACES	± ---	± ---	K.FERGUSON	10/25/2008					
			3 PLACES	± 0.08	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.08	± ---	D.NICHOLAS	10/25/2008	MOLEX INCORPORATED				
1 PLACE	± 0.08	± ---	APPROVED BY	DATE								
		ANGULAR ± 1 °		B.MOSER		10/22/2008	MOLEX					
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
				SEE TABLE		SD-502307-001		1 OF 1				
B		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									