

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0512971501](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Power, 15 Circuits, Polarization Type A

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51300-001 \(PDF\)](#)

General

Product Family	I/O Connectors
Series	51297
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	15
Color - Resin	Black
Durability (mating cycles max)	100
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Zinc Alloy
Material - Plating Mating	n/a
Material - Resin	Polyester
Number of Rows	5
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	15A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-51300-001
Sales Drawing	SD-51297-001



image - Reference only

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
[51297Series](#)

Mates With
[55890](#) receptacle housing, [55888](#) receptacle assembly set, [55889](#) receptacle assembly set

This document was generated on 04/02/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DWG. NO. SD-51297-001

PLUG COVER B	1	59588-5000			
PLUG COVER A ASS'Y	1	59587-5010			
CROSS RECESSED HEAD SCREW (M3)	2	58203-0030			
CROSS RECESSED HEAD SCREW (M2.5)	2	58203-0020			
CABLE CLAMP	1	59589-5000			
PLUG SOCKET HS'G ASS'Y	1	51301-1511	51301-1512	51301-1513	51301-1514
部品名称 PART NAME	数量 QUAN.	部品型番 PART NO.			
極数 CIRCUIT		15			
セット型番 SET NO.		51297-1501	51297-1502	51297-1503	51297-1504
タイプ TYPE		A TYPE	B TYPE	C TYPE	D TYPE

51297-1504	51297-150*
51297-1503	
51297-1502	
51297-1501	
MATERIAL NO.	MODEL NO.

DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED 03/06/27 EC NO. J2003-3272 DRWN: S.AKIYAMA CHK: JMIYAZAWA APPR: YO.ITO	MATERIAL 材料 #	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未満 ±0.2 10 OVER 30 UNDER 未満 ±0.25 30 OVER 以上 ±0.3	SCALE WAVE	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT REV	
					FINISH 仕上げ #	ANGLE 角度 ±3°						
					WIRE RANGE 適用電線範囲 #							
					INS. RANGE 被覆外径 #							
TITLE: COMPACT ROBOT CONN.(CRC) POWER PLUG SOCKET SET										MOLEX INCORPORATED		
CAD FILENAME SD-51297-001.S01										MATERIAL NO. SEE CHART	DRAWING NO. SD-51297-001	SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B		