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Part Number: [0512970471](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Power, 4 Circuits, Polarization Type A, Lead-free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51300-005 \(PDF\)](#)

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)	4
Color - Resin	Black, Gray
Durability (mating cycles max)	100
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	n/a
Material - Resin	Polycarbonate, Polyester
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.189 In
Pitch - Mating Interface (mm)	4.80 mm
Pitch - Term. Interface (in)	0.189 In
Pitch - Term. Interface (mm)	4.80 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	12.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-51300-005
Sales Drawing	SD-51297-003



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

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PLUG MOLD COVER B	1	51236-1205			
PLUG MOLD COVER A	1	51235-1215			
CROSS RECESSED HEAD SCREW	2	58203-0020			
CABLE CLAMP	1	56382-1200			
PLUG SHELL COVER	1	56381-1228			
PLUG SHELL BODY	1	56380-1228			
PLUG SOCKET HS'G	1	51301-0401	51301-0402	51301-0403	51301-0404
部品名称 PART NAME	数量 QUAN.	部品型番 PART NO.			
極数 CIRCUIT		4			
セット型番 SET NO.		51297-0471	51297-0472	51297-0473	51297-0474
タイプ TYPE		A TYPE	B TYPE	C TYPE	D TYPE

注記
NOTES

1. 本製品は 51297-040* の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 51297-040*.

51297-0474	51297-047*
51297-0473	
51297-0472	
51297-0471	
MATERIAL No.	MODEL No.

RELEASED EC NO: J2007-1434 DRWN: NABEI 2006/11/17 CHKDK: TOYODA 2006/11/21 APPR: NUKITA 2006/11/21	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 ^{UNDER}	±0.2	DRAWN BY M. NABEI	DATE '06/11/16	TITLE COMPACT ROBOT CONN. POWER PLUG SOCKET SET -LEAD FREE-		
	10 ^{OVER} 30 ^{UNDER}	±0.25	CHECKED BY K. TOYODA	DATE '06/11/16	MOLEX INCORPORATED		
	30 ^{OVER}	±0.3	APPROVED BY N. UKITA	DATE '06/11/16	DOCUMENT NO. SD-51297-003		
	ANGULAR ±3 °		MATERIAL NO. SEE CHART		SHEET NO. 1 OF 1		
0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		