

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0512970471

Status:

Active

Description:

CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Power, 4 Circuits, Polarization Type A, Lead-free



image - Reference onlySeries

Documents:

Drawing (PDF)

Product Specification PS-51300-005 (PDF)

RoHS Certificate of Compliance (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 recetacle assembly set

This document was generated on 04/02/2010

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	10	9	8	7	6	5	4	3	2	1		
F												F
E												E
D												D
C												C
B												B
A												A
ib_frame_A3_J_ME_S Rev. E 2006/04/15												

PLUG MOLD COVER B	I	51236-1205			
PLUG MOLD COVER A	I	51235-1215			
CROSS RECESSED HEAD SCREW	2	58203-0020			
CABLE CLAMP	I	56382-1200			
PLUG SHELL COVER	I	56381-1228			
PLUG SHELL BODY	I	56380-1228			
PLUG SOCKET HS'G	I	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: NABE I 2006/11/17 CHKD: K. TOYODA 2006/11/21 APPR: NUKITA 2006/11/21	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NABE I	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					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '06/11/16	MOLEX INCORPORATED				
		ANGULAR	± 3 °	MATERIAL NO.						
0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51297-003		1 OF 1		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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