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Part Number: 0512970474
Status: Active
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Power, 4 Circuits, Polarization Type D, Lead-free

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-51300-005 (PDF)



Series image - Reference only

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

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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:MNABEI 2006/11/17
CHKD:KTOYODA 2006/11/21
APPR:NUKITA 2006/11/21
DESCRIPTION
REV 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: M.NABEI DATE: '06/11/16
CHECKED BY: K.TOYODA DATE: '06/11/16
APPROVED BY: N.UKITA DATE: '06/11/16

TITLE
COMPACT ROBOT CONN.
POWER PLUG SOCKET SET
-LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-51297-003
SHEET NO.: 1 OF 1
SIZE: A3

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