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**Part Number:** [0512980471](#)  
**Status:** **Active**  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire, 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	<a href="#">51298</a>
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
Durability (mating cycles max)	100
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	n/a
Number of Rows	2
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.189 In
Pitch - Mating Interface (mm)	4.80 mm
Pitch - Term. Interface (in)	0.228 In
Pitch - Term. Interface (mm)	5.80 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	15A
Shield Type	Upper Shielding
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51300-005
Sales Drawing	SD-51298-003



**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](mailto: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**  
[51298Series](#)

**Mates With**  
[56193](#) Crimp Pin . [55887-0471](#) Plug Assembly Set

**Use With**  
[56194](#) Crimp Socket

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MOLD COVER	2	51237-1205			
CROSS RECESSED HEAD SCREW	2	58203-0020			
CABLE CLAMP	1	56382-1200			
SHELL COVER	1	56385-1228			
SHELL BODY	1	56384-1228			
RECEPTACLE SHELL	1	56377-1202			
REC. SOCKET HS'G ASS'Y	1	51300-0411	51300-0412	51300-0413	51300-0414
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.		51298-0471	51298-0472	51298-0473	51298-0474
タイプ TYPE		A TYPE	B TYPE	C TYPE	D TYPE

51298-0474	51298-047*
51298-0473	
51298-0472	
51298-0471	
MATERIAL No.	MODEL No.

NOTES.

- ELV及びRoHS適合品。  
ELV AND RoHS COMPLIANT.
- 本製品は 51298-040\* の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE VERSION OF 51298-040\*.

RELEASED EC NO: J2007-2693 DRWN: AOYAGI 2007/03/29 CHKD: TOYODA 2007/03/30 APPR: NUKITA 2007/04/03	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER ±---	DRAWN BY Y. AOYAGI	DATE 2007/03/27	TITLE COMPACT ROBOT CONN.	
	10 OVER 30 UNDER ±---	CHECKED BY K. TOYODA	DATE 2007/03/29	MOLEX INCORPORATED	
	30 OVER ±---	APPROVED BY N. UKITA	DATE 2007/03/29	DOCUMENT NO. SD-51298-003	SHEET NO. 1 OF 1
	ANGULAR ±--- °	MATERIAL NO.	SEE TABLE		
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		