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**Part Number:** [0543342070](#)  
**Status:** **Active**  
**Overview:** [crc compact robotic connectors](#)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire/Panel Mount, Female Terminal, Signal, 20 Circuits, Polarization Type Standard, Lead Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51238-018 \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	54334
Application	Panel-Mount, Wire-to-Wire
Component Type	Kit
Overview	<a href="#">crc compact robotic connectors</a>
Product Name	CRC™
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	20
Color - Resin	Black, Gray
Durability (mating cycles max)	100
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel, Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate, Polyester
Number of Rows	5
Orientation	Vertical
Packaging Type	Bag
Panel Mount	Rear
Pitch - Mating Interface (in)	1.181 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	1.181 In
Pitch - Term. Interface (mm)	3.00 mm
Polarized to Mating Part	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	4A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51238-018, RPS-51238-001
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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](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**  
[54334Series](#)

**Mates With**  
[51234-2000](#) plug housing, [55836-2000](#) plug assembly set

This document was generated on 05/19/2010

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MOLD COVER	51237-1205	2	51237-2005	2	51237-3005	2
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
SHELL COVER	56385-1228	1	56385-2028	1	56385-3028	1
SHELL BODY	56384-1228	1	56384-2028	1	56384-3028	1
RECEPTACLE SHELL	56377-1201	1	56377-2001	1	56377-3001	1
REC. SOCKET HS'G ASS'Y	51238-1211	1	51238-2011	1	51238-3011	1
部品名称 PART NAME	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.
極数 CIRCUIT	12		20		30	
セット型番 SET NO.	54334-1270		54334-2070		54334-3070	
タイプ TYPE	STANDARD TYPE					

54334-3074	54334-***74
54334-2074	
54334-1274	
54334-3073	54334-***73
54334-2073	
54334-1273	54334-***72
54334-3072	
54334-2072	
54334-1272	54334-***71
54334-3071	
54334-2071	54334-***70
54334-1271	
54334-3070	
54334-2070	54334-***70
54334-1270	
MATERIAL NO.	MODEL NO.

RELEASED EC NO: J2007-0848 DRWN: AOYAGI 2006/10/31 CHKDK: TOYODA 2006/11/01 APPR: NUKITA 2006/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY Y. AOYAGI		DATE 2006/09/15	TITLE COMPACT ROBOT CONN. W/W PANEL MOUNT TYPE -LEAD FREE-			
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE 2006/09/15				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE N. UKITA	MOLEX INCORPORATED DOCUMENT NO. SD-54334-003 SHEET NO. 1 OF 5			
	ANGULAR	±3 °	MATERIAL NO.		SEE CHART				
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				

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MOLD COVER	51237-1205	2	51237-2005	2	51237-3005	2
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
SHELL COVER	56385-1228	1	56385-2028	1	56385-3028	1
SHELL BODY	56384-1228	1	56384-2028	1	56384-3028	1
RECEPTACLE SHELL	56377-1201	1	56377-2001	1	56377-3001	1
REC. SOCKET HS'G ASS'Y	51238-1212	1	51238-2012	1	51238-3012	1
部品名称 PART NAME	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.
極数 CIRCUIT	12		20		30	
セット型番 SET NO.	54334-1271		54334-2071		54334-3071	
タイプ TYPE	A TYPE					

RELEASED EC NO: J2007-0848 DRWN: AOYAGI 2006/10/31 CHKD: TOYODA 2006/11/01 APPR: NUKITA 2006/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY Y. AOYAGI		DATE 2006/09/15	TITLE COMPACT ROBOT CONN. W/W PANEL MOUNT TYPE -LEAD FREE-			
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE 2006/09/15				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE N. UKITA	MOLEX INCORPORATED DOCUMENT NO. SD-54334-003 SHEET NO. 2 OF 5			
	ANGULAR	±3 °	MATERIAL NO.		SEE CHART				
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MOLD COVER	51237-1205	2	51237-2005	2	51237-3005	2
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
SHELL COVER	56385-1228	1	56385-2028	1	56385-3028	1
SHELL BODY	56384-1228	1	56384-2028	1	56384-3028	1
RECEPTACLE SHELL	56377-1201	1	56377-2001	1	56377-3001	1
REC. SOCKET HS'G ASS'Y	51238-1213	1	51238-2013	1	51238-3013	1
部品名称 PART NAME	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.
極数 CIRCUIT	12		20		30	
セット型番 SET NO.	54334-1272		54334-2072		54334-3072	
タイプ TYPE	B TYPE					

RELEASED EC NO: J2007-0848 DRWN: AOYAGI 2006/10/31 CHKDK: TOYODA 2006/11/01 APPR: NUKITA 2006/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY Y. AOYAGI		DATE 2006/09/15	TITLE COMPACT ROBOT CONN. W/W PANEL MOUNT TYPE -LEAD FREE-			
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE 2006/09/15				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE N. UKITA	MOLEX INCORPORATED DOCUMENT NO. SD-54334-003 SHEET NO. 3 OF 5			
	ANGULAR	±3 °	MATERIAL NO.		SEE CHART				
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				

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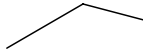
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MOLD COVER	51237-1205	2	51237-2005	2	51237-3005	2
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
SHELL COVER	56385-1228	1	56385-2028	1	56385-3028	1
SHELL BODY	56384-1228	1	56384-2028	1	56384-3028	1
RECEPTACLE SHELL	56377-1201	1	56377-2001	1	56377-3001	1
REC. SOCKET HS'G ASS'Y	51238-1214	1	51238-2014	1	51238-3014	1
部品名称 PART NAME	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.
極数 CIRCUIT	12		20		30	
セット型番 SET NO.	54334-1273		54334-2073		54334-3073	
タイプ TYPE	C TYPE					



RELEASED EC NO: J2007-0848 DRWN: AOYAGI 2006/10/31 CHKD: TOYODA 2006/11/01 APPR: NUKITA 2006/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
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	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE 2006/09/15				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE N. UKITA	MOLEX INCORPORATED			
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54334-003		4 OF 5			

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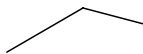
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MOLD COVER	51237-1205	2	51237-2005	2	51237-3005	2
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
SHELL COVER	56385-1228	1	56385-2028	1	56385-3028	1
SHELL BODY	56384-1228	1	56384-2028	1	56384-3028	1
RECEPTACLE SHELL	56377-1201	1	56377-2001	1	56377-3001	1
REC. SOCKET HS'G ASS'Y	51238-1215	1	51238-2015	1	51238-3015	1
部品名称 PART NAME	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.	部品型番 PART NO.	数量 QUAN.
極数 CIRCUIT	12		20		30	
セット型番 SET NO.	54334-1274		54334-2074		54334-3074	
タイプ TYPE	D TYPE					



RELEASED EC NO: J2007-0848 DRWN: AOYAGI 2006/10/31 CHKD: TOYODA 2006/11/01 APPR: NUKITA 2006/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
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	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE 2006/09/15				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE N. UKITA	MOLEX INCORPORATED			
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.				
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