This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0543333074
Status: Active
Overview: crc_compact_robotic_connectors
Description: CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire, Female Terminal, Signal, 30 Circuits, Polarization Type D, Lead-Free



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-51238-018 (PDF)

General

Product Family	I/O Connectors
Series	54333
Application	Wire-to-Wire
Component Type	Kit
Overview	crc_compact_robotic_connectors
Product Name	CRC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black, Gray
Durability (mating cycles max)	100
Gender	Socket
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel, Steel
Material - Plating Mating	n/a
Material - Resin	Polycarbonate, Polyester
Number of Rows	6
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	0.118 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	7A
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
Sales Drawing	SD-54333-006

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
54333Series

Mates With
55836-3074 CRC™ Shielded Rectangular I/O Plug Assembly Set

This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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	56377-1202	1	56377-2002	1	56377-3002	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.	54333-1270		54333-2070		54333-3070	
タイプ TYPE	STANDARD TYPE					

注 記
NOTES

1. 本製品は 54333-××0×の鉛フリー品である。
   THIS PRODUCT IS LEAD FREE OF 54333-××0×.
2. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT.

R	MATERIAL NO.	MODEL NO.
	54333-3074	54333-××74
	54333-2074	
	54333-1274	
	54333-3073	54333-××73
	54333-2073	
	54333-1273	
	54333-3072	54333-××72
	54333-2072	
	54333-1272	
	54333-3071	54333-××71
	54333-2071	
	54333-1271	
	54333-3070	54333-××70
	54333-2070	
	54333-1270	

RELEASED
EC NO: J2008-1429
DRWN:MNABEI 2007/10/22
CHKD:THARUYAMA 2007/10/22
APPR:NUKITA 2007/10/22
REV 0

DESCRIPTION

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: '07/10/19
CHECKED BY: T.HARUYAMA DATE: '07/10/19
APPROVED BY: N.UKITA DATE: '07/10/19

TITLE: COMPACT ROBOT CONN. W/W TYPE SOCKET SET

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-54333-006
SHEET NO.: 1 OF 5

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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	56377-1202	1	56377-2002	1	56377-3002	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.	54333-1271		54333-2071		54333-3071	
タイプ TYPE	A TYPE					

RELEASED
EC NO: J2008-14.29 2007/10/22
DRWN:MNABEI 2007/10/22
CHKD:THARUYAMA 2007/10/22
APPR:NUKITA 2007/10/22
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: '07/10/19
CHECKED BY: T.HARUYAMA DATE: '07/10/19
APPROVED BY: N.UKITA DATE: '07/10/19

TITLE: COMPACT ROBOT CONN. W/W TYPE SOCKET SET

MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 1
DOCUMENT NO.: SD-54333-006
SHEET NO.: 2 OF 5

SIZE A3

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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	56377-1202	1	56377-2002	1	56377-3002	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.	54333-1272		54333-2072		54333-3072	
タイプ TYPE	B TYPE					

RELEASED
EC NO: J2008-14.29 2007/10/22
DRWN:MNABEI 2007/10/22
CHKD:THARUYAMA 2007/10/22
APPR:NUKITA 2007/10/22
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: '07/10/19
CHECKED BY: T.HARUYAMA DATE: '07/10/19
APPROVED BY: N.UKITA DATE: '07/10/19

TITLE: COMPACT ROBOT CONN. W/W TYPE SOCKET SET

MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 1
DOCUMENT NO.: SD-54333-006
SHEET NO.: 3 OF 5

SIZE A3

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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	56377-1202	1	56377-2002	1	56377-3002	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.	54333-1273		54333-2073		54333-3073	
タイプ TYPE	C TYPE					

RELEASED
EC NO: J2008-14.29 2007/10/22
DRWN:MNABEI 2007/10/22
CHKD:THARUYAMA 2007/10/22
APPR:NUKITA 2007/10/22
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: '07/10/19
CHECKED BY: T.HARUYAMA DATE: '07/10/19
APPROVED BY: N.UKITA DATE: '07/10/19

TITLE: COMPACT ROBOT CONN. W/W TYPE SOCKET SET

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MATERIAL NO.: SEE SHEET 1
DOCUMENT NO.: SD-54333-006
SHEET NO.: 4 OF 5

SIZE A3

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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	56377-1202	1	56377-2002	1	56377-3002	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.	54333-1274		54333-2074		54333-3074	
タイプ TYPE	D TYPE					

RELEASED
EC NO: J2008-14.29 2007/10/22
DRWN:MNABEI 2007/10/22
CHKD:THARUYAMA 2007/10/22
APPR:NUKITA 2007/10/22
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: '07/10/19
CHECKED BY: T.HARUYAMA DATE: '07/10/19
APPROVED BY: N.UKITA DATE: '07/10/19

TITLE: COMPACT ROBOT CONN. W/W TYPE SOCKET SET

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MATERIAL NO.: SEE SHEET 1
DOCUMENT NO.: SD-54333-006
SHEET NO.: 5 OF 5

SIZE A3

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