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Part Number: [0543322070](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, 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	54332
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC™
Type	N/A
Physical	
Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	20
Color - Resin	Black, Gray
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate, Polyester
Number of Rows	4
Orientation	Vertical
PCB Locator	No
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
Polarized to PCB	No
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	2A, 3A, 4A, 5A, 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-54332-006



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
[54332Series](#)

Mates With
[51233-2010](#) receptacle housing,
[55837-2000](#) receptacle assembly set,
[55838-2000](#) receptacle assembly set

This document was generated on 04/02/2010

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10987654321 PLUG MOLD COVER B51236-1205151236-2005151236-30051 PLUG MOLD COVER A51235-1215151235-2015151235-30151 CROSS RECESSED HEAD SCREW58203-0020258203-0020258203-00212 CABLE CLAMP56382-1200156382-2000156382-30001 PLUG SHELL COVER56381-1228156381-2028156381-30281 PLUG SHELL BODY56380-1228156380-2028156380-30281 PLUG SOCKET HS'G51239-1201151239-2001151239-30011 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CIRCUIT122030 セット型番SET NO.54332-127054332-207054332-3070 タイプTYPESTANDARD TYPE 注記NOTES 1. 本製品は 54332-**0* の鉛フリー品である。 THIS PRODUCT IS LEAD FREE OF 54332-**0*. RELEASED EC NO: J2006-1776 DRWN:MABEI CHKD:KTOYODA APPR:NUKITA 2005/11/30 2005/12/01 2005/12/06 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 0REV DIMENSION STYLE MM ONLY DRAWN BY M. NABEI DATE '05/11/28 CHECKED BY K. TOYODA DATE '05/11/28 APPROVED BY N. UKITA DATE '05/11/28 MATERIAL NO. SEE CHART SIZE A3 SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE COMPACT ROBOT CONN. PLUG SOCKET SET -LEAD FREE- MOLEX INCORPORATED DOCUMENT NO. SD-54332-006 SHEET NO. 1 OF 5 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION 54332-3074 54332-2074 54332-1274 54332-3073 54332-2073 54332-1273 54332-3072 54332-2072 54332-1272 54332-3071 54332-2071 54332-1271 54332-3070 54332-2070 54332-1270 MATERIAL NO. MODEL NO. 54332-**74 54332-**73 54332-**72 54332-**71 54332-**70 ib_frame_A3_J_ME_S Rev. D 2004/04/02 987654321 EN-02JA(021)											

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PLUG MOLD COVER B	51236-1205	1	51236-2005	1	51236-3005	1
PLUG MOLD COVER A	51235-1215	1	51235-2015	1	51235-3015	1
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
PLUG SHELL COVER	56381-1228	1	56381-2028	1	56381-3028	1
PLUG SHELL BODY	56380-1228	1	56380-2028	1	56380-3028	1
PLUG SOCKET HS'G	51239-1202	1	51239-2002	1	51239-3002	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.	54332-1271		54332-2071		54332-3071	
タイプ TYPE	A TYPE					

RELEASED EC NO: J2006-1776 DRWN:MABEI 2005/11/30 CHKD:KTOYODA 2005/12/01 APPR:NUKITA 2005/12/06	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M.NABEI	DATE '05/11/28	TITLE COMPACT ROBOT CONN. PLUG SOCKET SET -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/11/28					
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		ANGULAR	±3 °	MATERIAL NO.						
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				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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PLUG MOLD COVER B		51236-1205	1	51236-2005	1	51236-3005	1
PLUG MOLD COVER A		51235-1215	1	51235-2015	1	51235-3015	1
CROSS RECESSED HEAD SCREW		58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP		56382-1200	1	56382-2000	1	56382-3000	1
PLUG SHELL COVER		56381-1228	1	56381-2028	1	56381-3028	1
PLUG SHELL BODY		56380-1228	1	56380-2028	1	56380-3028	1
PLUG SOCKET HS'G		51239-1203	1	51239-2003	1	51239-3003	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.		54332-1272		54332-2072		54332-3072	
タイプ TYPE		B TYPE					

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PLUG MOLD COVER B	51236-1205	1	51236-2005	1	51236-3005	1
PLUG MOLD COVER A	51235-1215	1	51235-2015	1	51235-3015	1
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
PLUG SHELL COVER	56381-1228	1	56381-2028	1	56381-3028	1
PLUG SHELL BODY	56380-1228	1	56380-2028	1	56380-3028	1
PLUG SOCKET HS'G	51239-1204	1	51239-2004	1	51239-3004	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.	54332-1273		54332-2073		54332-3073	
タイプ TYPE	C TYPE					

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PLUG MOLD COVER B	51236-1205	1	51236-2005	1	51236-3005	1
PLUG MOLD COVER A	51235-1215	1	51235-2015	1	51235-3015	1
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
PLUG SHELL COVER	56381-1228	1	56381-2028	1	56381-3028	1
PLUG SHELL BODY	56380-1228	1	56380-2028	1	56380-3028	1
PLUG SOCKET HS'G	51239-1205	1	51239-2005	1	51239-3005	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.	54332-1274		54332-2074		54332-3074	
タイプ TYPE	D TYPE					

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PLUG MOLD COVER B	51236-1205	1	51236-2005	1	51236-3005	1
PLUG MOLD COVER A	51235-1215	1	51235-2015	1	51235-3015	1
CROSS RECESSED HEAD SCREW	58203-0020	2	58203-0020	2	58203-0021	2
CABLE CLAMP	56382-1200	1	56382-2000	1	56382-3000	1
PLUG SHELL COVER	56381-1228	1	56381-2028	1	56381-3028	1
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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.	54332-1274		54332-2074		54332-3074	
タイプ TYPE	D TYPE					

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