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Part Number: [0558362070](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Male 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	55836
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black, Gray
Durability (mating cycles max)	100
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	5
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
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	3.5A
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-55836-006



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
 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
[55836Series](#)

Mates With
[54333-2070](#) receptacle assembly set,
[54334-2070](#) receptacle assembly set panel mount

This document was generated on 04/05/2010

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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 PIN HS'G	51234-1201	1	51234-2001	1	51234-3001	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.	55836-1270		55836-2070		55836-3070	
タイプ TYPE	STANDARD TYPE					

55836-3074	55836-xx74
55836-2074	
55836-1274	
55836-3073	55836-xx73
55836-2073	
55836-1273	
55836-3072	55836-xx72
55836-2072	
55836-1272	
55836-3071	55836-xx71
55836-2071	
55836-1271	
55836-3070	55836-xx70
55836-2070	
55836-1270	
MATERIAL NO.	MODEL NO.

注記
NOTES

- 本製品は 55836-xx0* の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55836-xx0*.

RELEASED EC NO: J2006-1791 DRW: M.NABE 2005/11/30 CHK: K.TOYODA 2005/12/01 APPR: NUKITA 2005/12/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY M. NABE I		DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE-			
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE '05/11/29				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE '05/11/29	MOLEX INCORPORATED			
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55836-006		1 OF 5			

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 PIN HS'G	51234-1202	1	51234-2002	1	51234-3002	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.	55836-1271		55836-2071		55836-3071	
タイプ TYPE	A TYPE					

RELEASED EC NO: J2006-1791 DRWN: MABE1 2005/11/30 CHKD: KTOYODA 2005/12/01 APPR: NUKITA 2005/12/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY M. NABE I		DATE '05/11/29		TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE-		
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA		DATE '05/11/29				
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE '05/11/29		MOLEX INCORPORATED		
ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-55836-006		2 OF 5		
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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 PIN HS'G	51234-1203	1	51234-2003	1	51234-3003	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.	55836-1272		55836-2072		55836-3072	
タイプ TYPE	B TYPE					

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RELEASED EC NO: J2006-1791 DRW: M.NABE 2005/11/30 CHK: K.TOYODA 2005/12/01 APP: N.UKITA 2005/12/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY M.NABE I		DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE-			
	10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA		DATE '05/11/29				
	30 OVER	±0.3	APPROVED BY N.UKITA		DATE '05/11/29	MOLEX INCORPORATED DOCUMENT NO. SD-55836-006 SHEET NO. 3 OF 5			
	ANGULAR ±3 °		MATERIAL NO.		SEE CHART				
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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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 PIN HS'G	51234-1204	1	51234-2004	1	51234-3004	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.	55836-1273		55836-2073		55836-3073	
タイプ TYPE	C TYPE					

RELEASED EC NO: J2006-1791 DRW: M.NABE 2005/11/30 CHK: K.TOYODA 2005/12/01 APP: N.UKITA 2005/12/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER	±0.2	DRAWN BY M.NABE I		DATE '05/11/29		TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE-		
	10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA		DATE '05/11/29				
	30 OVER	±0.3	APPROVED BY N.UKITA		DATE '05/11/29		 MOLEX INCORPORATED		
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-55836-006		4 OF 5		
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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 PIN HS'G	51234-1205	1	51234-2005	1	51234-3005	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.	55836-1274		55836-2074		55836-3074	
タイプ TYPE	D TYPE					

RELEASED EC NO: J2006-1791 DRW: M.NABE 2005/11/30 CHK: K.TOYODA 2005/12/01 APP: N.UKITA 2005/12/06	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 '05/11/29				
	30 OVER	±0.3	APPROVED BY N.UKITA		DATE '05/11/29	 MOLEX INCORPORATED			
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55836-006		5 OF 5			