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Part Number: [0558361272](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Signal, 12 Circuits, Polarization Type B, 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)	12
Circuits (maximum)	12
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	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
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	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
Sales Drawing	SD-55836-006



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
[55836Series](#)

Mates With
[54333-1272](#) receptacle assembly set,
[54334-1272](#) 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-**74
55836-2074	
55836-1274	
55836-3073	55836-**73
55836-2073	
55836-1273	
55836-3072	55836-**72
55836-2072	
55836-1272	
55836-3071	55836-**71
55836-2071	
55836-1271	
55836-3070	55836-**70
55836-2070	
55836-1270	
MATERIAL NO.	MODEL NO.

注記
NOTES

- 本製品は 55836-**0* の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55836-**0*.

RELEASED EC NO: J2006-1791 DRW: M.NABE CHK: K.TOYODA APPR: N.UKITA 2005/11/30 2005/12/01 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	DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE- MOLEX INCORPORATED		
	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			
	ANGULAR	±3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-55836-006	SHEET NO. 1 OF 5
0	REV	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 DRW: M.NABEI CHK: K.TOYODA APPR: N.IKITA 2005/11/30 2005/12/01 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.NABEI	DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE- MOLEX INCORPORATED		
	10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/11/29			
	30 OVER	±0.3	APPROVED BY N.IKITA	DATE '05/11/29			
	ANGULAR	±3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-55836-006	SHEET NO. 2 OF 5
0	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	51234-1203	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					

RELEASED EC NO: J2006-1791 DRW: M.NABE CHK: K.TOYODA APPR: N.IKITA 2005/11/30 2005/12/01 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	DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE- MOLEX INCORPORATED		
	10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/11/29			
	30 OVER	±0.3	APPROVED BY N.IKITA	DATE '05/11/29			
	ANGULAR	±3 °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-55836-006	SHEET NO. 3 OF 5	
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 DRAWN M.NABEI CHKD K.TOYODA APPR. NUKITA 2005/11/30 2005/12/01 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.NABEI	DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE- MOLEX INCORPORATED		
	10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/11/29			
	30 OVER	±0.3	APPROVED BY N.NUKITA	DATE '05/11/29			
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.	SHEET 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.NABEI CHK: K.TOYODA APPR: N.IKITA 2005/11/30 2005/12/01 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.NABEI	DATE '05/11/29	TITLE COMPACT ROBOT CONN. PLUG PIN SET -LEAD FREE- MOLEX INCORPORATED			
	10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/11/29				
	30 OVER	±0.3	APPROVED BY N.IKITA	DATE '05/11/29				
	ANGULAR	±3 °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-55836-006	SHEET NO. 5 OF 5		
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					