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Part Number: [0558372070](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire, 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	55837
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
Durability (mating cycles max)	100
Gender	Receptacle
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	5
Orientation	Vertical
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
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
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-55837-006



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
[55837Series](#)

Mates With
[51239](#) plug housing, [54332](#) plug assembly set

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55837-3074	
55837-2074	55837-***74
55837-1274	
55837-3073	
55837-2073	55837-***73
55837-1273	
55837-3072	
55837-2072	55837-***72
55837-1272	
55837-3071	
55837-2071	55837-***71
55837-1271	
55837-3070	
55837-2070	55837-***70
55837-1270	
MATERIAL NO.	MODEL NO.

1. ELV及びRoHS適合品。
ELV AND RoHS COMPLIANT.

2. 本製品は 55837-xx0x の鉛フリー品である。
THIS PRODUCT IS LEAD FREE VERSION OF 55837-xx0x.

RELEASED EC NO: J2007-2693 DRAWN: AYOYAGI CHKD: K TOYODA APPR: NUKITA	2007/03/29	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE			
	2007/03/30				MM ONLY		---	METRIC		PROJECTION		
	2007/04/03		10 UNDER	± ---	DRAWN BY	DATE	TITLE		COMPACT ROBOT CONN. W/W TYPE PIN SET			
			10 OVER 30 UNDER	± ---	CHECKED BY	DATE						
			30 OVER	± ---	APPROVED BY	DATE	MOLEX INCORPORATED		DOCUMENT NO.		SHEET NO. 1 OF 5	
			ANGULAR	± --- °	N. UKITA	2007/03/29						
0	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		SD-55837-006				
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
		A3										

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. PIN HS'G ASS'Y	51233-1212	1	51233-2012	1	51233-3012	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.	55837-1271		55837-2071		55837-3071	
タイプ TYPE	A TYPE					

RELEASED EC NO: J2007-2693 DRAWN: YAOYAGI CHK'D: K TOYODA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		---	METRIC		
		10 UNDER	± ---	DRAWN BY	DATE	TITLE COMPACT ROBOT CONN. W/W TYPE PIN SET			
		10 OVER 30 UNDER	± ---	CHECKED BY	DATE				
		30 OVER	± ---	APPROVED BY	DATE				
	ANGULAR ± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-55837-006		2 OF 5			
0	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

	10	9	8	7	6	5	4	3	2	1	
F											F
E											E
D											D
C											C
B											B

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. PIN HS'G ASS'Y	51233-1213	1	51233-2013	1	51233-3013	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.	55837-1272		55837-2072		55837-3072	
タイプ TYPE	B TYPE					

A	RELEASED EC NO: J2007-2693 DFWN:YA0YAGI 2007/03/29 CHKDKTOYODA 2007/03/30 APPR:NUKITA 2007/04/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			10 UNDER	± ---	DRAWN BY Y.A0YAGI	DATE 2007/03/27	TITLE COMPACT ROBOT CONN. W/W TYPE PIN SET			
			10 OVER 30 UNDER	± ---	CHECKED BY K.TOYODA	DATE 2007/03/29				
			30 OVER	± ---	APPROVED BY N.UKITA	DATE 2007/03/29	MOLEX INCORPORATED			
			ANGULAR	± --- °	MATERIAL NO.	DOCUMENT NO.				SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-55837-006				3 OF 5
			0	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

	10	9	8	7	6	5	4	3	2	1	
F											F
E											E
D											D
C											C
B											B

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. PIN HS'G ASS'Y	51233-1214	1	51233-2014	1	51233-3014	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.	55837-1273		55837-2073		55837-3073	
タイプ TYPE	C TYPE					

A	RELEASED EC NO: J2007-2693 DFWN:YA0YAGI 2007/03/29 CHKDKTOYODA 2007/03/30 APPR:NUKITA 2007/04/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			10 UNDER	±---	DRAWN BY Y.AOYAGI	DATE 2007/03/27	TITLE COMPACT ROBOT CONN. W/W TYPE PIN SET			
			10 OVER 30 UNDER	±---	CHECKED BY K.TOYODA	DATE 2007/03/29				
			30 OVER	±---	APPROVED BY N.UKITA	DATE 2007/03/29	MOLEX INCORPORATED			
			ANGULAR	±--- °	MATERIAL NO.	DOCUMENT NO.				SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-55837-006				4 OF 5
			0	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10	9	8	7	6	5	4	3	2	1

	10	9	8	7	6	5	4	3	2	1	
F											F
E											E
D											D
C											C
B											B
A											A

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. PIN HS'G ASS'Y	51233-1215	1	51233-2015	1	51233-3015	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.	55837-1274		55837-2074		55837-3074	
タイプ TYPE	D TYPE					

RELEASED EC NO: J2007-2693 DRAWN:YA0YAGI 2007/03/29 CHKD:KTOYODA 2007/03/30 APPR:NUKITA 2007/04/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY Y.A0YAGI	DATE 2007/03/27	TITLE COMPACT ROBOT CONN. W/W TYPE PIN SET		
		10 OVER 30 UNDER	± ---	CHECKED BY K.T0YODA	DATE 2007/03/29			
		30 OVER	± ---	APPROVED BY N.UKITA	DATE 2007/03/29	MOLEX INCORPORATED		
		ANGULAR ± --- °	MATERIAL NO.		DOCUMENT NO.			
0	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-55837-006		5 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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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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