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Part Number: [0558365003](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Male Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type B

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-51238-017 \(PDF\)](#)
[Product Specification PS-51238-016 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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)	50
Circuits (maximum)	50
Color - Resin	Gray
Durability (mating cycles max)	100
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel, Zinc Alloy
Material - Plating Mating	n/a
Material - Resin	Polyester
Number of Rows	10
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	N/A
Ports	1
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1.5A, 1A, 2.5A, 2A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-51238-016, PS-51238-017
Sales Drawing	SD-55836-005



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
[54333-5003](#) receptacle assembly set,
[54334-5003](#) receptacle assembly set panel mount

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DWG. NO. SD-55836-005

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DO NOT SCALE DRAWING

PLUG COVER B	1	59588-5000				
PLUG COVER A	1	59587-5010				
CROSS RECESSED HEAD SCREW (M3)	2	58203-0030				
CROSS RECESSED HEAD SCREW (M2.5)	2	58203-0020				
CABLE CLAMP	1	59589-5000				
PLUG PIN HS'G ASS'Y	1	51234-5011	51234-5012	51234-5013	51234-5014	51234-5015
部品名称 PART NAME	数量 QUAN.	部品型番 PART NO.				
極数 CIRCUIT		50				
セット型番 SET NO.		55836-5001	55836-5002	55836-5003	55836-5004	55836-5005
タイプ TYPE		STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

55836-5005	55836-500*
55836-5004	
55836-5003	
55836-5002	
55836-5001	
MATERIAL NO.	MODEL NO.

図面NO. DRAWN: CHK: APPR:	図面NO. DRAWN: CHK: APPR:	図面NO. DRAWN: CHK: APPR:	図面NO. DRAWN: CHK: APPR:	図面NO. DRAWN: CHK: APPR:	RELEASED '02/02/04 図面NO. J2002-1828 DRAWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE	DESIGN UNITS	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT REV
						FINISH 仕上げ	10 UNDER 未満	±0.2	DRAWN BY & DATE <i>S. Akiyama</i> '02/01/22 CHECKED BY & DATE <i>M. Masuda</i> '02/02/04 APPROVED BY & DATE <i>Y. Ito</i> '02/02/04	<input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH		
WIRE RANGE 適用電線範囲	30 OVER 以上	±0.25	CAD FILENAME 55836005.S01	MOLEX INCORPORATED		MATERIAL NO. SEE CHART	DRAWING NO. SD-55836-005	SHEET NO. 1 OF 1				
INS. RANGE 被覆外径	30 OVER 以上	±0.3		ANGLE 角度	±3°				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B	

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55836005.S01