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Part Number: [0512332011](#)
Status: **Active**
Overview: [CRC \(Compact Robotic Connectors\)](#)
Description: CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 20 Circuits, Polarization Type Standard

Documents:

3D Model	Product Specification PS-51238-018-001 (PDF)
3D Model (PDF)	Application Specification AS-51238-011-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51238-010-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	51233
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Overview	CRC (Compact Robotic Connectors)
Product Name	CRC
Type	N/A
UPC	800756205731

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	4774.000/mg
Number of Rows	5
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Front, Rear
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	3.5A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[51233](#) Series

Mates With

CRC Shielded Rectangular I/O Plug Housing
[51239](#) , [54332](#)

Use With

CRC Shielded Rectangular I/O Male
Terminal [56116](#) , [56117](#) , [56118](#) , [56119](#) ,
[56377](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-51238-011-001
Product Specification	PS-51238-010-001, PS-51238-018-001
Sales Drawing	SD-51233-008-001, SD-51233-008-002, SD-51233-008-003, SD-51233-008-004

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