



Home > Product information > Product category > Power supply / peripherals, etc. > Printed circuit board connector > End-of-order product > XC3

- ▶ Product Category
- ▶ Power supply / peripherals, etc.
- ▶ Printed circuit board connector
- ▶ End-of-order product
- XC3

- ▶ Product Category
- ▶ Precautions for use
- ▶ Format name index
- ▶ Selection by purpose / specification
- ▶ Collection of improvement / utilization cases
- ▶ RoHS / REACH compatible
- ▶ Standard certification / conformity
- ▶ Discontinued / Recommended alternatives
- ▶ Catalog / manual correction
- ▶ Special site

ZD connector

XC3

2018/06 End of orders

High-speed transmission connector that supports differential transmission

▶ Find a recommended alternative

▶ Format list / Online purchase



* The information on this page is reference information created based on the product catalog before the end of production, and may differ from the current status regarding product features / prices / supported standards / optional products. Please check the system compatibility and safety before use.

Features Type / price Rating / Performance External dimensions

Catalog / Manual / CAD / Software

オムロンFAストア View cart (0)

About this product

Add to My Catalog

Related information

Common to product categories (11)

Power supply / peripherals, etc. (1)

Printed circuit board connector (1)

Information update: 2010/06/21

- Designed for high-speed transmission characteristics such as impedance matching and crosstalk reduction.
- We offer 2 pairs, 3 pairs, and 4 pairs in full variation.
- The signal contact has a highly reliable double-sided contact structure.
- Uses press-fit terminals that do not require soldering.
- The pitch dimension between rows is 2.5 mm, making wiring between through holes easy.
- Ideal for mounting on the same board as the HM connector.
- UL standard (file No. E103202) certified products are standard products. (Excluding some products)

Information update: 2010/06/21

▶ Return to top of page

- ▶ 開じる
- ▶ カタログ
- ▶ マニュアル
- ▶ CAD
- ▶ ソフトウェア
- ▶ テスト機貸出
- ▶ お問い合わせ
- ▶ マイカタログ追加

Return to top of page

Information / Latest information

What is the OMRON control equipment business?

Concept "i-Automation!"
AUTOMATION CENTER
Domestic production base

solution

Solution proposal
Case study
Event
On-site data utilization service i-BELT

Product information

- Sensor
- switch
- Safety
- relay
- Control
- FA system equipment
- Motion / drive
- Robotics
- Energy saving support / environmental measures equipment
- Power supply / peripherals, etc.
- Search by purpose / specification
- Search by model name
- Search from improvement / utilization cases
- New product information
- Special site
- Video library
- Discontinued / Recommended alternatives
- Standard certification / conformity
- RoHS / REACH compatible
- Catalog / manual correction
- Technical explanation
- Precautions for use
- Product FAQ
- FA Glossary

Download Center

catalog
manual
2D CAD
3D CAD
Electrically controlled CAD software

Service support

Test machine rental
Robotics support
Japanese consultation counter Japan desk
World Regional Service Information
Export said non-judgment

Seminar e-learning

What is Seminar (FA Practice Seminar)?
Select a course and apply
Select a venue and apply
Schedule list (PDF)
Seminar application status / payment confirmation
What is e-learning?
Choose a course and take it
Video collection for control beginners
CX-Designer operation video collection

Sales network

Domestic sales network
Overseas sales network

online store

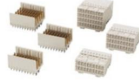
Home > Product information > Product category > Power supply / peripherals, etc. > Printed circuit board connector > End-of-order product > XC3

- Product Category
 - Power supply / peripherals, etc.
 - Printed circuit board connector
 - End-of-order product
 - XC3**
- Product Category
 - Precautions for use
 - Format name index
 - Selection by purpose / specification
 - Collection of improvement / utilization cases
 - RHS / REACH compatible
 - Standard certification / conformity
 - Discontinued / Recommended alternatives
 - Catalog / manual correction
 - Special site

2D connector

XC3

2018/06 End of orders



High-speed transmission connector that supports differential transmission

Find a recommended alternative

Format list / Online purchase

ファクトファクト View cart (0)

About this product
Add to My Catalog

Related information
Common to product categories (11)
Power supply / peripherals, etc. (1)
Printed circuit board connector (1)

* The information on this page is reference information created based on the product catalog before the end of production, and may differ from the current status regarding product features / prices / supported standards / optional products. Please check the system compatibility and safety before use.

Features Type / price Rating / Performance External dimensions
Catalog / Manual / CAD / Software

Information update: 2014/04/01

* Models marked with @ or marked with a gray background are standard stock models. Please contact the trading company for the delivery date of M.U.I (made-to-order models).

Type XC3A 2 pair module plug

Module style	size	length	Number of pairs	Number of poles		Terminal shape	format	Minimum packing unit (pieces)
				Number of signals	Number of shields			
2 pairs	10 wafers	25mm	20 pairs	40	20	Press-fit straight terminal	Shape XC3A-1011-D	84

Type XC3B 2 pair module socket

Module style	size	length	Number of pairs	Number of poles		Terminal shape	format	Minimum packing unit (pieces)
				Number of signals	Number of shields			
2 pairs	10 wafers	25mm	20 pairs	40	20	Press-fit L-shaped terminal	Shape XC3B-1012	48

Shape XC3C 3 pair module plug

Module style	size	length	Number of pairs	Number of poles		Terminal shape	format	Minimum packing unit (pieces)
				Number of signals	Number of shields			
3 pairs	10 wafers	25mm	30 pairs	60	30	Press-fit straight terminal	Shape XC3C-1011-D	68

Type XC3D 3 Pair Module Socket

Module style	size	length	Number of pairs	Number of poles		Terminal shape	format	Minimum packing unit (pieces)
				Number of signals	Number of shields			
3 pairs	10 wafers	25mm	30 pairs	60	30	Press-fit L-shaped terminal	Shape XC3D-1012	48

Type XC3E 4 pair module plug

Module style	size	length	Number of pairs	Number of poles		Terminal shape	format	Minimum packing unit (pieces)
				Number of signals	Number of shields			
4 pairs	10 wafers	25mm	40 pairs	80	40	Press-fit straight terminal	Shape XC3E-1011-D	56

Type XC3F 4 Pair Module Socket

Module style	size	length	Number of pairs	Number of poles		Terminal shape	format	Minimum packing unit (pieces)
				Number of signals	Number of shields			
4 pairs	10 wafers	25mm	40 pairs	80	40	Press-fit L-shaped terminal	Shape XC3F-1012	48

Alignment module (guide pin system)

type	Compatible board thickness	format	Minimum packing unit (pieces)
	6-8mm	Form XC3Z-0002	
For daughter board	1.5-3mm	Shape XC3Z-0003	
	3 to 4.5 mm	Shape XC3Z-0004	

Dedicated press-fitting tool

Press-fitting machine

format	Minimum packing unit (pieces)
Shape XY2D-1005	1

Information update: 2014/04/01

Return to top of page

Return to top of page

Information / Latest information

What is the OMRON control equipment business?

Concept "i-Automation"
AUTOMATION CENTER
Domestic production base

solution

Solution proposal
Case study
Event
On-site data utilization service I-BELT

Product information

Sensor
switch
Safety relay
Control FA system equipment
Motion / drive Robotics
Energy saving support / environmental measures equipment
Power supply / peripherals, etc.
Search by purpose / specification
Search by model name
Search from improvement / utilization cases

New product information
Special site
Video library
Discontinued / Recommended alternatives
Standard certification / conformity
RHS / REACH compatible
Catalog / manual correction
Technical explanation
Precautions for use
Product FAQ
FA Glossary

Download Center

catalog manual
2D CAD
3D CAD
Electrically controlled CAD software

Service support

Test machine rental
Robotics support
Japanese consultation counter Japan desk
World Regional Service Information
Export said non-judgment

Seminar e-learning

What is Seminar (FA Practice Seminar)?
Select a course and apply
Select a venue and apply
Schedule list (PDF)
Seminar application status / payment confirmation
What is e-learning?
Choose a course and take it
Video collection for control beginners
CX-Designer operation video collection

Sales network

Domestic sales network
Overseas sales network

online store

Home > Product information > Product category > Power supply / peripherals, etc. > Printed circuit board connector > End-of-order product > XC3

- Product Category
- Power supply / peripherals, etc.
 - Printed circuit board connector
 - End-of-order product
 - XC3**
- Product Category
- Precautions for use
- Format name index
- Selection by purpose / specification
- Collection of improvement / utilization cases
- RoHS / REACH compatible
- Standard certification / conformity
- Discontinued / Recommended alternatives
- Catalog / manual correction
- Special site

ZD connector

XC3

2018/06 End of orders



High-speed transmission connector that supports differential transmission

Find a recommended alternative

Format list / Online purchase

* The information on this page is reference information created based on the product catalog before the end of production, and may differ from the current status regarding product features / prices / supported standards / optional products. Please check the system compatibility and safety before use.

Features	Type / price	Rating / Performance	External dimensions
Catalog / Manual / CAD / Software			
Information update: 2010/06/21			
Rated current	1A		
Contact resistance	50 mΩ or less		
Insulation resistance	10 ⁴ MΩ or more (at DC100V)		
Withstand voltage	AC500V 1min (leakage current 1mA or less)		
Total insertion force	(Signal contact) Number of poles x 0.75N or less (Shield contact) Number of poles x 0.75N or less		
Total removal power	(Signal contact) Number of poles x 0.1N or more (Shield contact) Number of poles x 0.1N or more		
Insertion and removal durability	250 times		
Operating temperature limit	-55 to +125 °C (do not freeze at low temperatures)		
Information update: 2010/06/21			

Return to top of page

- 閉じる
- カタログ
- マニュアル
- CAD
- ソフトウェア
- テスト機貸出
- お問い合わせ
- マイカタログ追加

Return to top of page

Information / Latest information

What is the OMRON control equipment business?

Concept "i-Automation!"
AUTOMATION CENTER
Domestic production base

solution

Solution proposal
Case study
Event
On-site data utilization service i-BELT

Product information

Sensor
switch
Safety
relay
Control
FA system equipment
Motion / drive
Robotics
Energy saving support / environmental measures equipment
Power supply / peripherals, etc.
Search by purpose / specification
Search by model name
Search from improvement / utilization cases

New product information
Special site
Video library
Discontinued / Recommended alternatives
Standard certification / conformity
RoHS / REACH compatible
Catalog / manual correction
Technical explanation
Precautions for use
Product FAQ
FA Glossary

Download Center

catalog
manual
2D CAD
3D CAD
Electrically controlled CAD software

Service support

Test machine rental
Robotics support
Japanese consultation counter Japan desk
World Regional Service Information
Export said non-judgment

Seminar e-learning

What is Seminar (FA Practice Seminar)?
Select a course and apply
Select a venue and apply
Schedule list (PDF)
Seminar application status / payment confirmation
What is e-learning?
Choose a course and take it
Video collection for control beginners
CX-Designer operation video collection

Sales network

Domestic sales network
Overseas sales network

online store

- Product Category
- Product Company
- Specifications for use
- Information for purchase / specification
- Collection of equipment / application cases
- HAZOP / REACH compatible
- Checked certification / conformity
- Discontinued / Recommended alternatives
- Change / manual correction
- Related site

XC3

High speed transmission connector that supports differential transmission

※It is recommended alternative

※Flange list / Orifice part here

※The information on this page is reference information created based on the product catalog. Actual product appearance and specifications may differ from the actual product. Please check the actual product before use.

Contents: [Product info](#) / [Rating / Performance](#) / [Related documents](#)

Outline / Manual / CAD / Software

Information number: 01039611

Unit: mm

Type: XC3A 2 pin module plug

Type: XC3B 7 pin module socket

Type: XC3C 3 pin module plug

Type: XC3D 3 Pin Module Socket

Type: XC3E 5 pin module plug

Type: XC3F 4 Pin Module Socket

Alignment module (4-pin module)

The alignment module (4-pin module) comes in 2.5mm pitch connector into the proper mating position.

Motherboard type: XC3D-0001, XC3D-0002

※Taps and washers are included.

Daughterboard type: XC3D-0003, XC3D-0004

※Screws and washers are included.

Information number: 01039611

Product info

Rating / Performance

Related documents

Manual

Software

Download

Support

Seminar

Sales network

Online store

Return to top of page

<p>Information / Latest information</p> <p>What is the OMRON control equipment business?</p> <p>Concept "1st Automation"</p> <p>CONCEPTS/OMRON</p> <p>Domestic production base</p> <p>solution</p> <p>Industrial proposal</p> <p>Case study</p> <p>Event</p> <p>On-site data utilization service e-DB27</p>	<p>Product information</p> <p>Search</p> <p>Switch</p> <p>Safety</p> <p>relay</p> <p>Control</p> <p>PLC system component</p> <p>Relays / drive</p> <p>Relayless</p> <p>Energy saving support / environmental</p> <p>mechanics equipment</p> <p>Power supply / equipment, etc.</p> <p>Search by program / specification</p> <p>Search by model name</p> <p>Search from improvement / utilization cases</p>	<p>Download Center</p> <p>View product information manual</p> <p>Special site</p> <p>Video library</p> <p>Download / Download alternative</p> <p>Download specification / conformity</p> <p>Early / REACH compatible</p> <p>Control panel conversion</p> <p>Technical explanation</p> <p>Precautions for use</p> <p>Product FAQ</p> <p>FAQ library</p>	<p>Seminar e-learning</p> <p>What is OMRON (20th Anniversary)?</p> <p>Select a course and apply</p> <p>Select a seminar and apply</p> <p>Schedule list (PDF)</p> <p>Seminar application status / payment confirmation</p> <p>What is a seminar?</p> <p>Check a seminar and take it</p> <p>Video collection for control engineers</p> <p>CR Designer operation video collection</p> <p>Sales network</p> <p>Regional sales network</p> <p>Overseas sales network</p> <p>online store</p>
---	--	---	--