

| Product number    | DESCRIPTION       | NOTES      |
|-------------------|-------------------|------------|
| 10110818-XXXXLF   | NON-HF            | SEE SHT. 3 |
| 10110818-XXXXHFLF | HALOGEN FREE (HF) | SEE SHT. 4 |



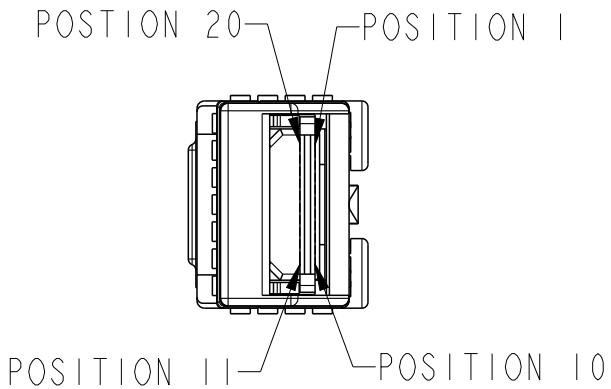
Copyright FCI.

|                                                                                        |                |            |                                   |                           |           |               |
|----------------------------------------------------------------------------------------|----------------|------------|-----------------------------------|---------------------------|-----------|---------------|
| dr                                                                                     | Deborah Ingram | 2009/12/18 | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size      | scale         |
| eng                                                                                    | Michael Zhou   | 2015/05/13 |                                   |                           | A3        | 3:10          |
| chr                                                                                    | -              | -          |                                   |                           | ecn no    | ELX-N-20846-1 |
| appr                                                                                   | Frank Mao      | 2015/05/13 | product family                    | SFP+ PLUG                 | rel level | Released      |
| <div>www.fci.com</div>                                                                 |                | cat. no.   | -                                 | Product - Customer Drw    |           | sheet 1 of 5  |
| <div>FCi</div> <div>FINAL ASSEMBLY - STANDARD</div> <div>SFP+ (PASSIVE) ASSEMBLY</div> |                |            | dwg no                            | 10110818                  | rev       | G             |

|                   |                   |            |
|-------------------|-------------------|------------|
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| 10110818-XXXXLF   | NON-HF            | SEE SHT. 3 |
| 10110818-XXXXHFLF | HALOGEN FREE (HF) | SEE SHT. 4 |

| WIRING LIST (SEE NOTE 5) |        |         |          |        |  |
|--------------------------|--------|---------|----------|--------|--|
| END P1                   |        |         | END P2   |        |  |
| POSITION                 | SYMBOL |         | POSITION | SYMBOL |  |
| 12                       | RD-    | ◀-----○ | 19       | TD-    |  |
| 13                       | RD+    | ◀-----○ | 18       | TD+    |  |
| 18                       | TD+    | -----○▶ | 13       | RD+    |  |
| 19                       | TD-    | -----○▶ | 12       | RD-    |  |

| LOW SPEED SIGNALS<br>P1 & P2 |            |
|------------------------------|------------|
| END P1                       |            |
| POSITION                     | SYMBOL     |
| 1                            | VeeT       |
| 2                            | TX_Fault   |
| 3                            | Tx_Disable |
| 4                            | MOD_DEF(2) |
| 5                            | MOD_DEF(1) |
| 6                            | MOD_DEF(0) |
| 7                            | RateSelect |
| 8                            | LOS        |
| 9                            | VeeR       |
| 10                           | VeeR       |
| 11                           | VeeR       |
| 14                           | VeeR       |
| 15                           | VccR       |
| 16                           | VccT       |
| 17                           | VeeT       |
| 20                           | VeeT       |



VIEW A (P1)  
SCALE 2:1

|             |                |                                                      |                                   |                           |           |               |              |              |  |
|-------------|----------------|------------------------------------------------------|-----------------------------------|---------------------------|-----------|---------------|--------------|--------------|--|
| dr          | Deborah Ingram | 2009/12/18                                           | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size      | A3            | scale        | 3:10         |  |
| eng         | Michael Zhou   | 2015/05/13                                           |                                   |                           | ecn no    | ELX-N-20846-1 |              |              |  |
| chr         | -              | -                                                    |                                   |                           | rel level | Released      |              |              |  |
| appr        | Frank Mao      | 2015/05/13                                           | product family                    |                           | SFP+ PLUG |               |              |              |  |
|             | title          | FINAL ASSEMBLY - STANDARD<br>SFP+ (PASSIVE) ASSEMBLY |                                   |                           | dwg no    | 10110818      |              | rev<br><br>G |  |
|             |                |                                                      |                                   |                           |           |               |              |              |  |
| www.fci.com | cat. no.       | -                                                    | Product - Customer Drw            |                           |           |               | sheet 2 of 5 |              |  |

A

B

C

D

| PRODUCT NUMBER  | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-----------------|----------------------------|-----|--------------|
| 10110818-2005LF | 0.5                        | 30  | NOTE 13      |
| 10110818-2010LF | 1.0                        | 30  |              |
| 10110818-2015LF | 1.5                        | 30  |              |
| 10110818-2020LF | 2.0                        | 30  |              |
| 10110818-2025LF | 2.5                        | 30  |              |
| 10110818-2030LF | 3.0                        | 30  |              |
| 10110818-2035LF | 3.5                        | 30  |              |
| 10110818-2040LF | 4.0                        | 30  |              |
| 10110818-3005LF | 0.5                        | 28  | NOTE 13      |
| 10110818-3006LF | 0.6                        | 28  |              |
| 10110818-3010LF | 1.0                        | 28  |              |
| 10110818-3015LF | 1.5                        | 28  |              |
| 10110818-3020LF | 2.0                        | 28  |              |
| 10110818-3025LF | 2.5                        | 28  |              |
| 10110818-3030LF | 3.0                        | 28  |              |
| 10110818-3035LF | 3.5                        | 28  |              |
| 10110818-3040LF | 4.0                        | 28  |              |
| 10110818-3045LF | 4.5                        | 28  |              |
| 10110818-3050LF | 5.0                        | 28  |              |
| 10110818-4005LF | 0.5                        | 26  | NOTE 13      |
| 10110818-4010LF | 1.0                        | 26  | NOTE 13      |
| 10110818-4015LF | 1.5                        | 26  | NOTE 13      |
| 10110818-4020LF | 2.0                        | 26  | NOTE 13      |
| 10110818-4025LF | 2.5                        | 26  | NOTE 13      |
| 10110818-4030LF | 3.0                        | 26  | NOTE 13      |
| 10110818-4035LF | 3.5                        | 26  | NOTE 13      |
| 10110818-4040LF | 4.0                        | 26  | NOTE 13      |
| 10110818-4045LF | 4.5                        | 26  | NOTE 13      |
| 10110818-4050LF | 5.0                        | 26  | NOTE 13      |
| 10110818-4055LF | 5.5                        | 26  | NOTE 13      |
| 10110818-4060LF | 6.0                        | 26  | NOTE 13      |
| 10110818-4065LF | 6.5                        | 26  | NOTE 10 & 13 |
| 10110818-4070LF | 7.0                        | 26  | NOTE 10 & 13 |

2

3

4

| PRODUCT NUMBER  | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-----------------|----------------------------|-----|--------------|
| 10110818-5005LF | 0.5                        | 24  | NOTE 13      |
| 10110818-5010LF | 1.0                        | 24  | NOTE 13      |
| 10110818-5015LF | 1.5                        | 24  | NOTE 13      |
| 10110818-5020LF | 2.0                        | 24  | NOTE 13      |
| 10110818-5025LF | 2.5                        | 24  | NOTE 13      |
| 10110818-5030LF | 3.0                        | 24  | NOTE 13      |
| 10110818-5035LF | 3.5                        | 24  | NOTE 13      |
| 10110818-5040LF | 4.0                        | 24  | NOTE 13      |
| 10110818-5045LF | 4.5                        | 24  | NOTE 13      |
| 10110818-5050LF | 5.0                        | 24  | NOTE 13      |
| 10110818-5055LF | 5.5                        | 24  | NOTE 13      |
| 10110818-5060LF | 6.0                        | 24  | NOTE 13      |
| 10110818-5065LF | 6.5                        | 24  | NOTE 13      |
| 10110818-5070LF | 7.0                        | 24  | NOTE 13      |
| 10110818-5075LF | 7.5                        | 24  | NOTE 13      |
| 10110818-5080LF | 8.0                        | 24  | NOTE 10 & 13 |
| 10110818-5085LF | 8.5                        | 24  | NOTE 10 & 13 |
| 10110818-5090LF | 9.0                        | 24  | NOTE 10 & 13 |
| 10110818-5095LF | 9.5                        | 24  | NOTE 10 & 13 |
| 10110818-5100LF | 10.0                       | 24  | NOTE 10 & 13 |

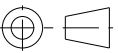
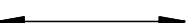
A

B

C

D

NON-HALOGEN FREE CABLE ASSEMBLY PART NUMBERS

|                                       |                |            |                                                                                                                        |                                                                                                                |           |               |
|---------------------------------------|----------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------|---------------|
| dr                                    | Deborah Ingram | 2009/12/18 | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size      | scale         |
| eng                                   | Michael Zhou   | 2015/05/13 |                                                                                                                        |                                                                                                                | A3        | 1:1           |
| chr                                   | -              | -          |                                                                                                                        |                                                                                                                | ecn no    | ELX-N-20846-1 |
| appr                                  | Frank Mao      | 2015/05/13 | product family                                                                                                         | SFP+ PLUG                                                                                                      | rel level | Released      |
| <div>FCI</div> <div>www.fci.com</div> |                | title      | FINAL ASSEMBLY - STANDARD<br>SFP+ (PASSIVE) ASSEMBLY                                                                   |                                                                                                                | dwg no    | rev           |
|                                       |                |            |                                                                                                                        |                                                                                                                | 10110818  | G             |
|                                       |                | cat. no.   | -                                                                                                                      | Product - Customer Drw                                                                                         |           | sheet 3 of 5  |

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3



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C

D

| PRODUCT NUMBER    | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-------------------|----------------------------|-----|--------------|
| 10110818-2005HFLF | 0.5                        | 30  | NOTE 12      |
| 10110818-2010HFLF | 1.0                        | 30  | NOTE 12      |
| 10110818-2015HFLF | 1.5                        | 30  | NOTE 12      |
| 10110818-2020HFLF | 2.0                        | 30  | NOTE 12      |
| 10110818-2025HFLF | 2.5                        | 30  | NOTE 12      |
| 10110818-2030HFLF | 3.0                        | 30  | NOTE 12      |
| 10110818-2035HFLF | 3.5                        | 30  | NOTE 12      |
| 10110818-2040HFLF | 4.0                        | 30  | NOTE 12      |
| 10110818-3005HFLF | 0.5                        | 28  | NOTE 12      |
| 10110818-3006HFLF | 0.6                        | 28  | NOTE 12      |
| 10110818-3010HFLF | 1.0                        | 28  | NOTE 12      |
| 10110818-3015HFLF | 1.5                        | 28  | NOTE 12      |
| 10110818-3020HFLF | 2.0                        | 28  | NOTE 12      |
| 10110818-3025HFLF | 2.5                        | 28  | NOTE 12      |
| 10110818-3030HFLF | 3.0                        | 28  | NOTE 12      |
| 10110818-3035HFLF | 3.5                        | 28  | NOTE 12      |
| 10110818-3040HFLF | 4.0                        | 28  | NOTE 12      |
| 10110818-3045HFLF | 4.5                        | 28  | NOTE 12      |
| 10110818-3050HFLF | 5.0                        | 28  | NOTE 12      |
| 10110818-4005HFLF | 0.5                        | 26  | NOTE 12      |
| 10110818-4010HFLF | 1.0                        | 26  | NOTE 12      |
| 10110818-4015HFLF | 1.5                        | 26  | NOTE 12      |
| 10110818-4020HFLF | 2.0                        | 26  | NOTE 12      |
| 10110818-4025HFLF | 2.5                        | 26  | NOTE 12      |
| 10110818-4030HFLF | 3.0                        | 26  | NOTE 12      |
| 10110818-4035HFLF | 3.5                        | 26  | NOTE 12      |
| 10110818-4040HFLF | 4.0                        | 26  | NOTE 12      |
| 10110818-4045HFLF | 4.5                        | 26  | NOTE 12      |
| 10110818-4050HFLF | 5.0                        | 26  | NOTE 12      |
| 10110818-4055HFLF | 5.5                        | 26  | NOTE 12      |
| 10110818-4060HFLF | 6.0                        | 26  | NOTE 12      |
| 10110818-4065HFLF | 6.5                        | 26  | NOTE 10 & 12 |
| 10110818-4070HFLF | 7.0                        | 26  | NOTE 10 & 12 |

2

| PRODUCT NUMBER    | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-------------------|----------------------------|-----|--------------|
| 10110818-5005HFLF | 0.5                        | 24  | NOTE 12      |
| 10110818-5010HFLF | 1.0                        | 24  | NOTE 12      |
| 10110818-5015HFLF | 1.5                        | 24  | NOTE 12      |
| 10110818-5020HFLF | 2.0                        | 24  | NOTE 12      |
| 10110818-5025HFLF | 2.5                        | 24  | NOTE 12      |
| 10110818-5030HFLF | 3.0                        | 24  | NOTE 12      |
| 10110818-5035HFLF | 3.5                        | 24  | NOTE 12      |
| 10110818-5040HFLF | 4.0                        | 24  | NOTE 12      |
| 10110818-5045HFLF | 4.5                        | 24  | NOTE 12      |
| 10110818-5050HFLF | 5.0                        | 24  | NOTE 12      |
| 10110818-5055HFLF | 5.5                        | 24  | NOTE 12      |
| 10110818-5060HFLF | 6.0                        | 24  | NOTE 12      |
| 10110818-5065HFLF | 6.5                        | 24  | NOTE 12      |
| 10110818-5070HFLF | 7.0                        | 24  | NOTE 12      |
| 10110818-5075HFLF | 7.5                        | 24  | NOTE 12      |
| 10110818-5080HFLF | 8.0                        | 24  | NOTE 10 & 12 |
| 10110818-5085HFLF | 8.5                        | 24  | NOTE 10 & 12 |
| 10110818-5090HFLF | 9.0                        | 24  | NOTE 10 & 12 |
| 10110818-5095HFLF | 9.5                        | 24  | NOTE 10 & 12 |
| 10110818-5100HFLF | 10.0                       | 24  | NOTE 10 & 12 |

HALOGEN FREE CABLE ASSEMBLY PART NUMBERS

|                |                |                         |                                   |                           |                        |               |          |      |              |     |   |
|----------------|----------------|-------------------------|-----------------------------------|---------------------------|------------------------|---------------|----------|------|--------------|-----|---|
| dr             | Deborah Ingram | 2009/12/18              | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size                   | A3            | scale    | 3:10 |              |     |   |
| eng            | Michael Zhou   | 2015/05/13              |                                   |                           | ecn no                 | ELX-N-20846-1 |          |      |              |     |   |
| chr            | -              | -                       |                                   |                           |                        |               |          |      |              |     |   |
| appr           | Frank Mao      | 2015/05/13              | product family                    |                           | SFP+ PLUG              | rel level     | Released |      |              |     |   |
| <div>FCi</div> |                | title                   |                                   | FINAL ASSEMBLY - STANDARD |                        |               | dwg no   |      | 10110818     | rev | G |
|                |                | SFP+ (PASSIVE) ASSEMBLY |                                   |                           |                        |               |          |      |              |     |   |
| www.fci.com    |                | cat. no.                |                                   | -                         | Product - Customer Drw |               |          |      | sheet 4 of 5 |     |   |

PDS: Rev :G

STATUS:Released

Printed: May 13, 2015

| Product number    | DESCRIPTION       | NOTES      |
|-------------------|-------------------|------------|
| 10110818-XXXXLF   | NON-HF            | SEE SHT. 3 |
| 10110818-XXXXHFLF | HALOGEN FREE (HF) | SEE SHT. 4 |

NOTES:

- 1 - MATERIAL:  
BACKSHELLS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE  
PULL TAB: THERMOPLASTIC POLYMER  
RELEASE SPRING: STAINLESS STEEL  
EMI GASKET: STAINLESS STEEL  
SR: THERMOPLASTIC POLYAMIDES  
SCREWS: STAINLESS STEEL  
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
- 2 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2011/65/EU)
- 3 - IMPEDANCE: 100 OHMS DIFFERENTIAL.

- 4 - UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 50mm FROM REAR OF CONNECTOR.

LABEL DETAILS:

MANUFACTURER CODE OR NAME COUNTRY ORIGIN  
FCI P/N  
FCI CUSTOMER DRAWING REVISION  
FCI SERIAL NUMBER  
2D BAR CODE OF SERIAL NUMBER

LABEL EXAMPLE

FCI CHINA  
10110818-2005LF  
Rev. G  
CNI324SA052L0001  
|||||

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

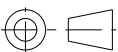
FCI SERIAL NUMBER IS ONLY USED FOR TRACKING PRODUCT,DETAIL IS AS BELOW :

CNI324SA052L0001

CN PRESENT MADE IN CHINA  
YYWW(YEAR AND WEEK)

SEQUENCE NUMBER(0001-9999)  
NON-HALOGEN FREE OR HALOGEN FREE(L IS NON-HALOGEN FREE TYPE OR H IS HALOGEN FREE TYPE)  
CABLE AWG(2 IS 30AWG,3 IS 28AWG,4 IS 26AWG,5 IS 24AWG)  
LENGTH(05 IS 0.5 METER,10 IS 1.0 METER,15 IS 1.5 METERS,ETC)

- 5 - ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 6 - CONFORMS TO FCI PRODUCT SPECIFICATION: GS-12-616.
- 7 - PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920. PACKAGE CABLE ASSEMBLIES PER GS-14-1272. DUST CAPS ARE TO BE ASSEMBLED PRIOR TO PACKING.
- 8 - THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- 9 - A "△" SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION. THE CURRENT REVISION WILL BE SHOWN IN THE SYMBOL.
- 10 - LONGER LENGTH APPLICATIONS REQUIRE HOST SYSTEM PREMPHASIS AND/OR EQUALIZATION.
- 11 - UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:  
<= 1 METER = ±25.0mm  
> 1 METER TO 10 METERS = ±2% OF "DIM L"
- 12 - "HF" PRODUCT NUMBERS DESIGNATE THE USE OF HALOGEN FREE RAW CABLE.
- 13 - HALOGEN FREE RAW CABLE CAN BE USED AS A SUBSTITUTE ON NON-HF PRODUCT NUMBERS.
- 14 - EEPROM INFORMATION REFERS TO THE SFF-8472.
- 15 - RAW CABLE IS OPTIONAL,WHICH HAD BEEN QUALIFIED BY FCI AND MEET THE LATEST FCI SPEC"GS-12-616

|                                                                                       |                |            |                                                                                                                                                                                                                                       |                           |               |                        |      |              |
|---------------------------------------------------------------------------------------|----------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|------------------------|------|--------------|
| dr                                                                                    | Deborah Ingram | 2009/12/18 | <div>projection</div> <div></div> <div>mm</div> <div></div> | size                      | A3            | scale                  | 3:10 |              |
| eng                                                                                   | Michael Zhou   | 2015/05/13 |                                                                                                                                                                                                                                       | ecn no                    | ELX-N-20846-1 |                        |      |              |
| chr                                                                                   | -              | -          |                                                                                                                                                                                                                                       | rel level                 | Released      |                        |      |              |
| appr                                                                                  | Frank Mao      | 2015/05/13 | product family                                                                                                                                                                                                                        |                           | SFP+ PLUG     |                        |      |              |
|  |                | title      |                                                                                                                                                                                                                                       | FINAL ASSEMBLY - STANDARD |               | dwg no                 |      | rev          |
|                                                                                       |                |            |                                                                                                                                                                                                                                       | SFP+ (PASSIVE) ASSEMBLY   |               | 10110818               |      | G            |
| www.fci.com                                                                           |                | cat. no.   |                                                                                                                                                                                                                                       | -                         |               | Product - Customer Drw |      | sheet 5 of 5 |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А