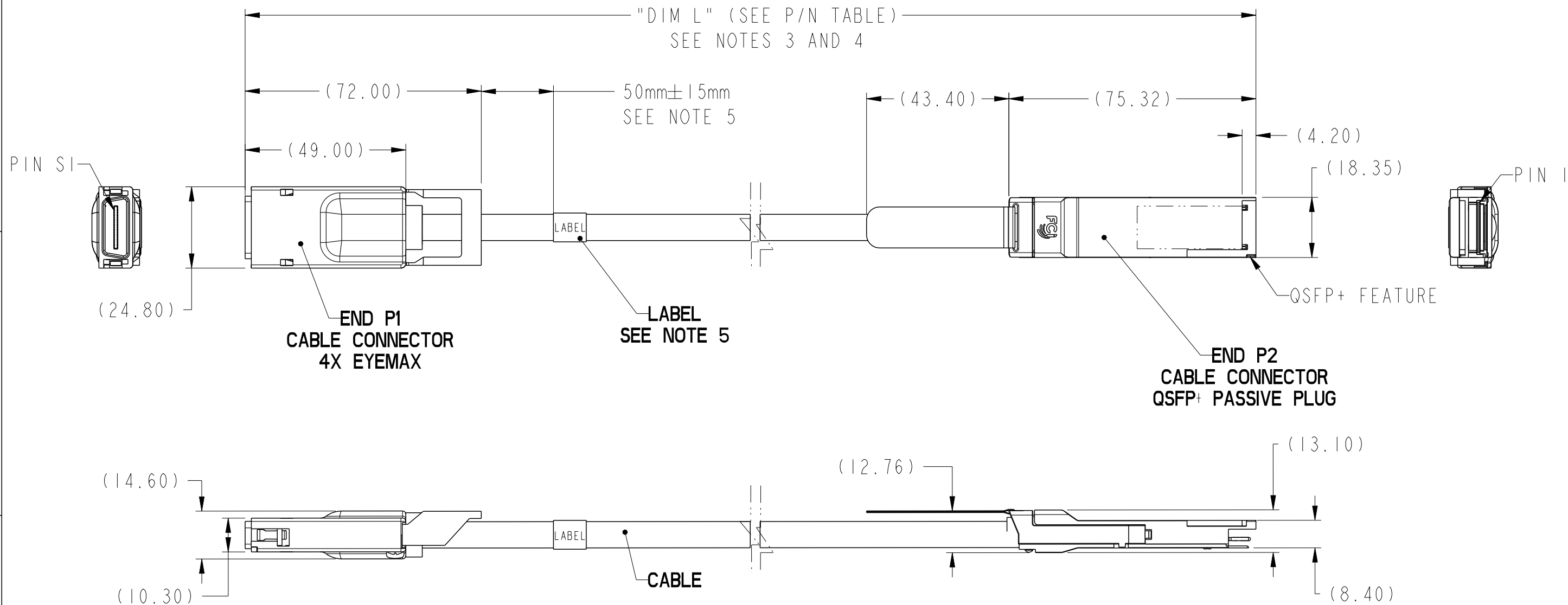


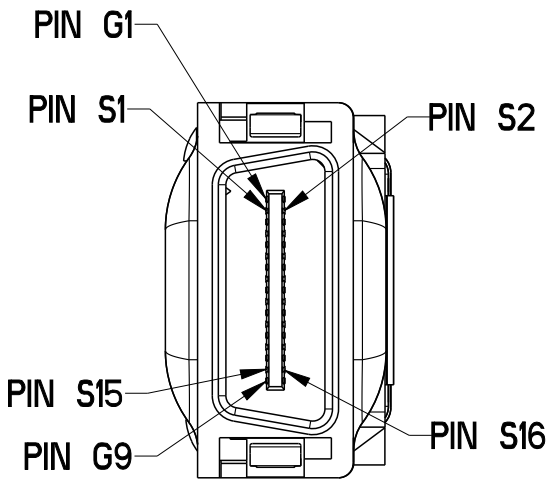
| PART NUMBER      | "DIM L" LENGTH (Meters) | AWG |
|------------------|-------------------------|-----|
| 10117984-1010HLF | 1.0                     | 32  |
| 10117984-2010HLF | 1.0                     | 30  |
| 10117984-2030HLF | 3.0                     | 30  |
| 10117984-4010HLF | 1.0                     | 26  |
| 10117984-4020HLF | 2.0                     | 26  |
| 10117984-4030HLF | 3.0                     | 26  |
| 10117984-4050HLF | 5.0                     | 26  |
| 10117984-4060HLF | 6.0                     | 26  |
| 10117984-5100HLF | 10.0                    | 24  |



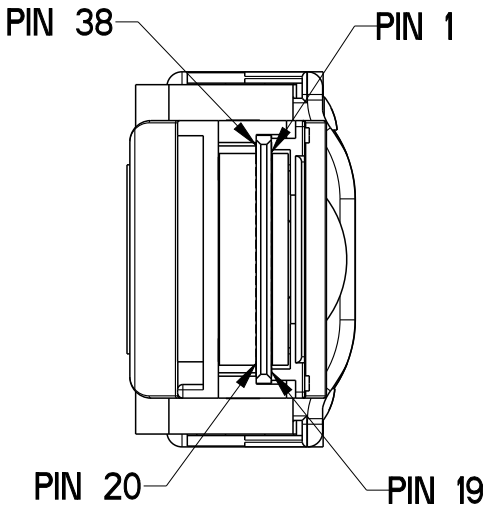
|               |  |                                       |  |       |  |                |  |             |  |            |  |                           |  |                        |  |        |  |               |  |              |  |  |  |  |  |     |  |   |  |
|---------------|--|---------------------------------------|--|-------|--|----------------|--|-------------|--|------------|--|---------------------------|--|------------------------|--|--------|--|---------------|--|--------------|--|--|--|--|--|-----|--|---|--|
| spec ref      |  |                                       |  | dr    |  | Deborah Ingram |  | 2011/04/12  |  | projection |  | mm                        |  | size                   |  | A3     |  | scale         |  | 3:10         |  |  |  |  |  |     |  |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |       |  | eng            |  | Tommy Lin   |  | 2013/04/11 |  |                           |  |                        |  | ecn no |  | ELX-N-14486-1 |  |              |  |  |  |  |  |     |  |   |  |
|               |  |                                       |  |       |  | chr            |  | -           |  | -          |  |                           |  |                        |  |        |  |               |  |              |  |  |  |  |  |     |  |   |  |
|               |  |                                       |  |       |  | appr           |  | Roger Cheng |  | 2013/04/12 |  |                           |  |                        |  |        |  |               |  |              |  |  |  |  |  |     |  |   |  |
|               |  |                                       |  |       |  | product family |  |             |  |            |  | QSFP PLUG                 |  |                        |  |        |  | rel level     |  | Released     |  |  |  |  |  |     |  |   |  |
| surface       |  | linear                                |  | 0.X   |  | ± -            |  |             |  | title      |  | FINAL ASSEMBLY - STANDARD |  |                        |  |        |  | dwg no        |  | 10117984     |  |  |  |  |  | rev |  | B |  |
|               |  |                                       |  | 0.XX  |  | ± -            |  |             |  |            |  |                           |  |                        |  |        |  |               |  |              |  |  |  |  |  |     |  |   |  |
|               |  |                                       |  | 0.XXX |  | ± -            |  |             |  |            |  |                           |  |                        |  |        |  |               |  |              |  |  |  |  |  |     |  |   |  |
|               |  | angular                               |  | 0°    |  | ± -°           |  | www.fci.com |  | cat. no.   |  | -                         |  | Product - Customer Drw |  |        |  |               |  | sheet 1 of 3 |  |  |  |  |  |     |  |   |  |

|                  |                  |
|------------------|------------------|
| Product number   | DESCRIPTION      |
| 10117984-XXXXHLF | HALOGEN FREE (H) |

| WIRING LIST (SEE NOTE 6) |                  |               |                       |                                     |
|--------------------------|------------------|---------------|-----------------------|-------------------------------------|
| END P1 (EYEMAX)          |                  |               | END P2 (QSFP+)        |                                     |
| EYEMAX<br>PIN NUMBER     | EYEMAX<br>SIGNAL | CABLE<br>PAIR | QSFP +<br>SIGNAL NAME | QSFP+<br>PIN NUMBER                 |
| G1-G9                    | SIGNAL GROUND    | <--->         | GND                   | 1,4,7,13,16,19,20<br>23,26,32,35,38 |
| S1                       | IBtxlp(0)        | <-p           | TX1p                  | 36                                  |
| S2                       | IBtxln(0)        | <-n           | TX1n                  | 37                                  |
| S3                       | IBtxlp(1)        | <-p           | TX2p                  | 3                                   |
| S4                       | IBtxln(1)        | <-n           | TX2n                  | 2                                   |
| S5                       | IBtxlp(2)        | <-p           | TX3p                  | 33                                  |
| S6                       | IBtxln(2)        | <-n           | TX3n                  | 34                                  |
| S7                       | IBtxlp(3)        | <-p           | TX4p                  | 6                                   |
| S8                       | IBtxln(3)        | <-n           | TX4n                  | 5                                   |
| S9                       | IBtxOn(3)        | ->n           | RX4n                  | 24                                  |
| S10                      | IBtxOp(3)        | ->p           | RX4p                  | 25                                  |
| S11                      | IBtxOn(2)        | ->n           | RX3n                  | 15                                  |
| S12                      | IBtxOp(2)        | ->p           | RX3p                  | 14                                  |
| S13                      | IBtxOn(1)        | ->n           | RX2n                  | 21                                  |
| S14                      | IBtxOp(1)        | ->p           | RX2p                  | 22                                  |
| S15                      | IBtxOn(0)        | ->n           | RX1n                  | 18                                  |
| S16                      | IBtxOp(0)        | ->p           | RX1p                  | 17                                  |
| HOUSING                  | CHASSIS GROUND   |               | HOUSING               | CHASSIS GROUND<br>(CASE COMMON)     |



END P1  
CABLE CONNECTOR  
4X EYEMAX



END P2  
CABLE CONNECTOR  
QSFP+ PASSIVE PLUG

|               |  |                                       |  |       |  |                |  |             |  |            |  |                           |  |      |  |        |  |               |  |          |  |  |  |           |  |          |  |   |  |
|---------------|--|---------------------------------------|--|-------|--|----------------|--|-------------|--|------------|--|---------------------------|--|------|--|--------|--|---------------|--|----------|--|--|--|-----------|--|----------|--|---|--|
| spec ref      |  |                                       |  | dr    |  | Deborah Ingram |  | 2011/04/12  |  | projection |  | mm                        |  | size |  | A3     |  | scale         |  | 3:10     |  |  |  |           |  |          |  |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |       |  | eng            |  | Tommy Lin   |  | 2013/04/11 |  |                           |  |      |  | ecn no |  | ELX-N-14486-1 |  |          |  |  |  |           |  |          |  |   |  |
|               |  |                                       |  |       |  | chr            |  | -           |  | -          |  |                           |  |      |  |        |  |               |  |          |  |  |  |           |  |          |  |   |  |
|               |  |                                       |  |       |  | appr           |  | Roger Cheng |  | 2013/04/12 |  | product family            |  |      |  |        |  | QSFP PLUG     |  |          |  |  |  | rel level |  | Released |  |   |  |
| surface       |  | linear                                |  | 0.X   |  | ± -            |  |             |  | title      |  | FINAL ASSEMBLY - STANDARD |  |      |  |        |  | dwg no        |  | 10117984 |  |  |  |           |  | rev      |  | B |  |
|               |  |                                       |  | 0.XX  |  | ± -            |  |             |  |            |  |                           |  |      |  |        |  |               |  |          |  |  |  |           |  |          |  |   |  |
|               |  |                                       |  | 0.XXX |  | ± -            |  |             |  |            |  |                           |  |      |  |        |  |               |  |          |  |  |  |           |  |          |  |   |  |
|               |  | angular                               |  | 0°    |  | ± -°           |  | www.fci.com |  |            |  |                           |  |      |  |        |  |               |  |          |  |  |  |           |  |          |  |   |  |



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|                  |                  |
|------------------|------------------|
| Product number   | DESCRIPTION      |
| 10117984-XXXXHLF | HALOGEN FREE (H) |



LABEL EXAMPLE

FCI    MADE IN CHINA  
10117984-5100HLF  
REV.B  
CNI3159JA05H0001

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

CN PRESENT MADE IN CHINA  
YYWW(YEAR AND WEEK)  
PRESENT PRODUCT BASE NUMBER(USE "9J")

CNI3159JA05H0001

SEQUENCE NUMBER(0001~9999)  
H IS HALOGEN FREE TYPE  
CABLE AWG(1 IS 32AWG,2 IS 30AWG,4 IS 26AWG,5 IS 24AWG)  
LENGTH(A0 IS 10 METERS, 10 IS 1.0 METER, ETC)

- OTES:
- ① - QSFP+ MATERIALS:  
CASTINGS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE  
PULL TAB: THERMOPLASTIC POLYMER  
LATCH RELEASE: ZINC DIECAST, NICKEL OVERPLATE  
DRIVE SCREWS: STAINLESS STEEL  
STRAIN RELIEF COLLAR: BRASS  
SPRING: STAINLESS STEEL  
LOCTITE  
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
- EYEMAX MATERIALS:  
COVERS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE  
PULL TAB AND CABLE COLLARS: NYLON  
PLUG ASSEMBLIES: THERMOPLASTIC AND COPPER ALLOY  
LATCH: STAINLESS STEEL  
PCB BOARD: PRINTED CIRCUIT SUBSTRATE
- 2 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
- ③ THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- ④ UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:  
"DIM L" < 1 METER = ± 25mm  
"DIM L" = 1 METER TO 10 METERS = ± 2% OF "DIM L"



- ⑤ - UNLESS OTHERWISE SPECIFIED LABEL POSITION IS TO BE 50mm FROM REAR OF CONNECTOR.
- LABEL DETAILS:  
MANUFACTURER CODE OR NAME COUNTRY ORIGIN  
CUSTOMER P/N OR FCI P/N  
REVISION  
SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- ⑥ - ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 7 - IMPEDANCE: 100Ω DIFFERENTIAL.
- 8 - OTHER TESTING PERFORMED AS REQUIRED BY QSFP+ PRODUCT SPECIFICATION: GS-12-622.  
OTHER TESTING PERFORMED AS REQUIRED BY EYEMAX PRODUCT SPECIFICATION: GS-12-216 & GS-12-209.
- 9 - PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920.  
PACKAGE CABLE ASSEMBLIES PER GS-14-1272..
10. 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.
11. "H" PRODUCT NUMBERS DESIGNATE THE USE OF HALOGEN FREE RAW CABLE.
12. LONGER LENGTH APPLICATIONS REQUIRE HOST SYSTEM PREMPHASIS AND/OR EQUALIZATION.

|               |                                       |           |  |                   |                                    |            |  |            |                 |                      |  |         |            |            |                        |
|---------------|---------------------------------------|-----------|--|-------------------|------------------------------------|------------|--|------------|-----------------|----------------------|--|---------|------------|------------|------------------------|
| spec ref      |                                       |           |  | dr Deborah Ingram |                                    | 2011/04/12 |  | projection |                 | mm                   |  | size A3 |            | scale 3:10 |                        |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |           |  | eng Tommy Lin     |                                    | 2013/04/11 |  |            |                 | ecn no ELX-N-14486-1 |  |         |            |            |                        |
|               |                                       |           |  | chr -             |                                    | -          |  |            |                 | rel level Released   |  |         |            |            |                        |
|               |                                       |           |  | appr Roger Cheng  |                                    | 2013/04/12 |  |            |                 |                      |  |         |            |            |                        |
| surface       | linear                                | 0.X ± -   |  |                   | title FINAL ASSEMBLY - STANDARD    |            |  |            | dwg no 10117984 |                      |  |         | rev B      |            |                        |
|               |                                       | 0.XX ± -  |  |                   |                                    |            |  |            |                 |                      |  |         |            |            |                        |
|               |                                       | 0.XXX ± - |  |                   | QSFP+ (PASSIVE) to EYEMAX ASSEMBLY |            |  |            |                 |                      |  |         |            |            |                        |
|               | angular                               | 0° ± -°   |  |                   |                                    |            |  |            | www.fci.com     |                      |  |         | cat. no. - |            | Product - Customer Drw |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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