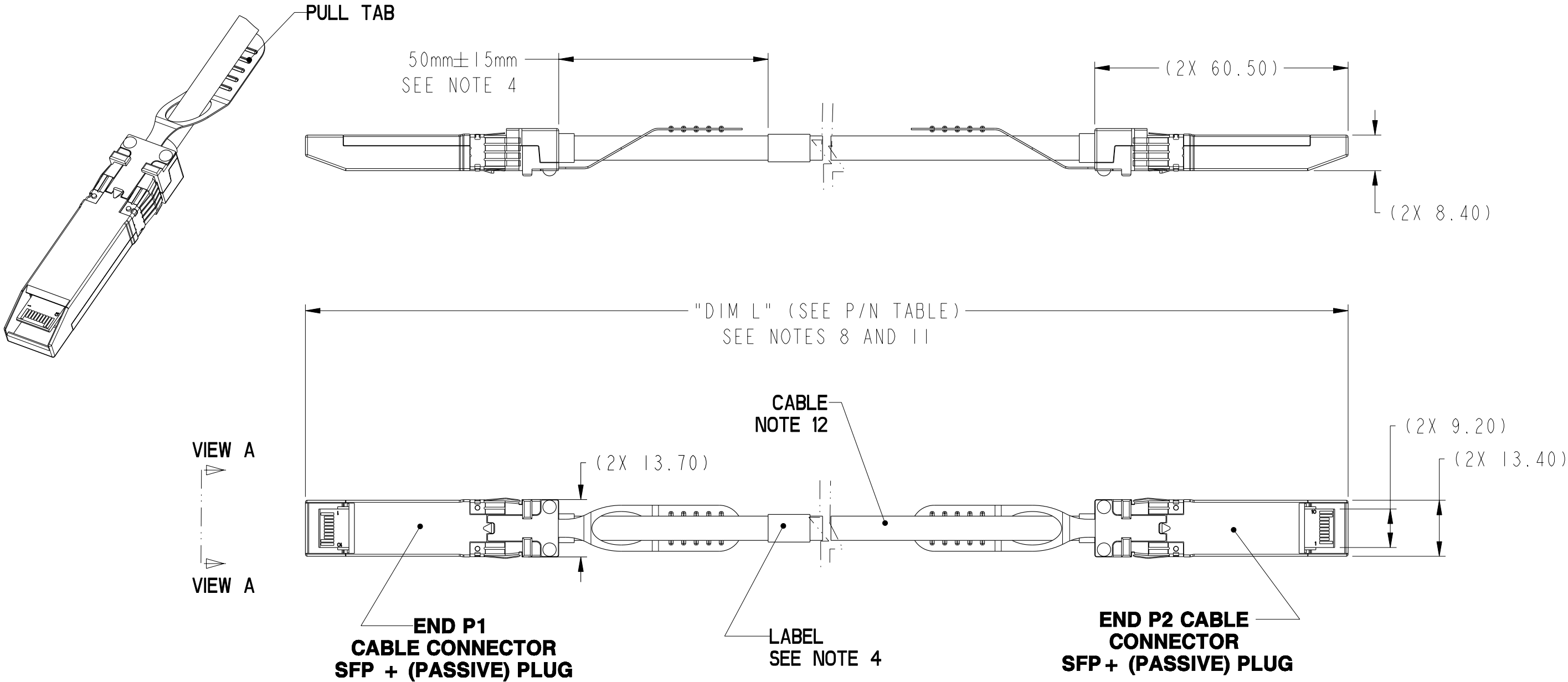
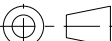


| Product number    | DESCRIPTION       | NOTES      |
|-------------------|-------------------|------------|
| 10101497-XXXXLF   | NON-HF            | SEE SHT. 3 |
| 10101497-XXXXHFLF | HALOGEN FREE (HF) | SEE SHT. 4 |



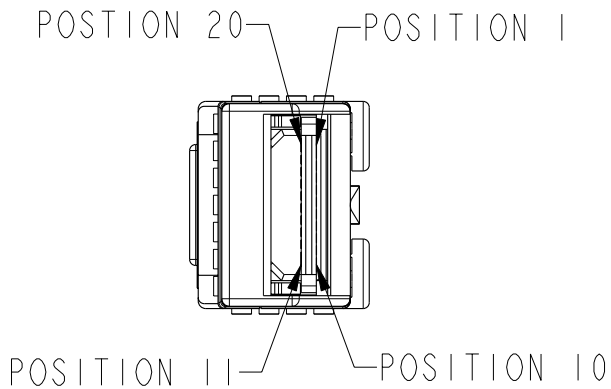
FCi  
Copyright FCI.

| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| A   | VI0-0036 | DAI | 2010-01-25 |
| B   | VI0-0242 | DHL | 2010-07-19 |
|     |          |     |            |
|     |          |     |            |
|     |          |     |            |
|     |          |     |            |

|                                                                                       |             |            |                                                                                                 |        |               |                 |                                                                                                  |               |                                                                                          |  |
|---------------------------------------------------------------------------------------|-------------|------------|-------------------------------------------------------------------------------------------------|--------|---------------|-----------------|--------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |             |            | surface -  |        | tolerance std |                 | projection  |               | mm  |  |
|                                                                                       |             |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                           |        |               |                 |                                                                                                  |               |                                                                                          |  |
| Dr                                                                                    | D. INGRAM   | 2009-05-12 | ANGULAR                                                                                         | LINEAR | 0.X           | ±0.3            | size<br>A3                                                                                       | Scale<br>3:10 |                                                                                          |  |
| Eng                                                                                   | B. BRUBAKER | 2009-05-12 |                                                                                                 |        | 0.XX          | ±0.10           |                                                                                                  |               |                                                                                          |  |
| Chr                                                                                   | B. BRUBAKER | 2009-05-12 |                                                                                                 |        | 0° ±2°        | 0.XXX           |                                                                                                  |               |                                                                                          |  |
| Appr                                                                                  | B. BRUBAKER | 2009-05-12 | Product family SFP+ PLUG                                                                        |        |               |                 | Spec ref ECN V10-0242                                                                            |               |                                                                                          |  |
|  |             |            | title FINAL ASSEMBLY - ALTERNATE CABLE<br>SFP+ (PASSIVE) ASSEMBLY                               |        |               | dwg no 10101497 |                                                                                                  |               | Rev. B                                                                                   |  |
|                                                                                       |             |            |                                                                                                 |        |               |                 |                                                                                                  |               |                                                                                          |  |
|                                                                                       |             |            | catalog no -                                                                                    |        |               | CUSTOMER        |                                                                                                  |               | sheet 1 of 5                                                                             |  |

| Product number    | DESCRIPTION       | NOTES      |
|-------------------|-------------------|------------|
| 10101497-XXXXLF   | NON-HF            | SEE SHT. 3 |
| 10101497-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-    |



VIEW A (P1)  
SCALE 2:1

| 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       |

|  |                                  |        |          |              |
|--|----------------------------------|--------|----------|--------------|
|  | FINAL ASSEMBLY - ALTERNATE CABLE | dwg no | 10101497 | Rev.         |
|  | SFP+ (PASSIVE) ASSEMBLY          |        |          | B            |
|  | catalog no                       | -      | CUSTOMER | sheet 2 of 5 |

| PRODUCT NUMBER  | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-----------------|----------------------------|-----|--------------|
| 10101497-1003LF | 0.3                        | 32  | NOTE 13      |
| 10101497-1005LF | 0.5                        | 32  |              |
| 10101497-1010LF | 1.0                        | 32  |              |
| 10101497-2005LF | 0.5                        | 30  | NOTE 13      |
| 10101497-2010LF | 1.0                        | 30  |              |
| 10101497-2015LF | 1.5                        | 30  |              |
| 10101497-2020LF | 2.0                        | 30  |              |
| 10101497-2025LF | 2.5                        | 30  |              |
| 10101497-2030LF | 3.0                        | 30  |              |
| 10101497-2035LF | 3.5                        | 30  |              |
| 10101497-2040LF | 4.0                        | 30  |              |
| 10101497-3005LF | 0.5                        | 28  | NOTE 13      |
| 10101497-3010LF | 1.0                        | 28  |              |
| 10101497-3015LF | 1.5                        | 28  |              |
| 10101497-3020LF | 2.0                        | 28  |              |
| 10101497-3025LF | 2.5                        | 28  |              |
| 10101497-3030LF | 3.0                        | 28  |              |
| 10101497-3035LF | 3.5                        | 28  |              |
| 10101497-3040LF | 4.0                        | 28  |              |
| 10101497-3045LF | 4.5                        | 28  |              |
| 10101497-3050LF | 5.0                        | 28  |              |
| 10101497-4005LF | 0.5                        | 26  | NOTE 13      |
| 10101497-4010LF | 1.0                        | 26  | NOTE 13      |
| 10101497-4015LF | 1.5                        | 26  | NOTE 13      |
| 10101497-4020LF | 2.0                        | 26  | NOTE 13      |
| 10101497-4025LF | 2.5                        | 26  | NOTE 13      |
| 10101497-4030LF | 3.0                        | 26  | NOTE 13      |
| 10101497-4035LF | 3.5                        | 26  | NOTE 13      |
| 10101497-4040LF | 4.0                        | 26  | NOTE 13      |
| 10101497-4045LF | 4.5                        | 26  | NOTE 13      |
| 10101497-4050LF | 5.0                        | 26  | NOTE 13      |
| 10101497-4055LF | 5.5                        | 26  | NOTE 13      |
| 10101497-4060LF | 6.0                        | 26  | NOTE 13      |
| 10101497-4065LF | 6.5                        | 26  | NOTE 10 & 13 |
| 10101497-4070LF | 7.0                        | 26  | NOTE 10 & 13 |

| PRODUCT NUMBER  | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-----------------|----------------------------|-----|--------------|
| 10101497-5005LF | 0.5                        | 24  | NOTE 13      |
| 10101497-5010LF | 1.0                        | 24  | NOTE 13      |
| 10101497-5015LF | 1.5                        | 24  | NOTE 13      |
| 10101497-5020LF | 2.0                        | 24  | NOTE 13      |
| 10101497-5025LF | 2.5                        | 24  | NOTE 13      |
| 10101497-5030LF | 3.0                        | 24  | NOTE 13      |
| 10101497-5035LF | 3.5                        | 24  | NOTE 13      |
| 10101497-5040LF | 4.0                        | 24  | NOTE 13      |
| 10101497-5045LF | 4.5                        | 24  | NOTE 13      |
| 10101497-5050LF | 5.0                        | 24  | NOTE 13      |
| 10101497-5055LF | 5.5                        | 24  | NOTE 13      |
| 10101497-5060LF | 6.0                        | 24  | NOTE 13      |
| 10101497-5065LF | 6.5                        | 24  | NOTE 13      |
| 10101497-5070LF | 7.0                        | 24  | NOTE 13      |
| 10101497-5075LF | 7.5                        | 24  | NOTE 13      |
| 10101497-5080LF | 8.0                        | 24  | NOTE 10 & 13 |
| 10101497-5085LF | 8.5                        | 24  | NOTE 10 & 13 |
| 10101497-5090LF | 9.0                        | 24  | NOTE 10 & 13 |
| 10101497-5095LF | 9.5                        | 24  | NOTE 10 & 13 |
| 10101497-5100LF | 10.0                       | 24  | NOTE 10 & 13 |

NON-HALOGEN FREE CABLE ASSEMBLY PART NUMBERS

|                                                                                       |                                  |                    |           |
|---------------------------------------------------------------------------------------|----------------------------------|--------------------|-----------|
|  | FINAL ASSEMBLY - ALTERNATE CABLE | dwg no<br>10101497 | Rev.<br>B |
|                                                                                       | SFP+ (PASSIVE) ASSEMBLY          |                    |           |
|                                                                                       | catalog no                       | -                  | CUSTOMER  |
|                                                                                       |                                  | sheet 3 of 5       |           |

A

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D

| PRODUCT NUMBER    | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-------------------|----------------------------|-----|--------------|
| 10101497-1003HFLF | 0.3                        | 32  | NOTE 12      |
| 10101497-1005HFLF | 0.5                        | 32  | NOTE 12      |
| 10101497-1010HFLF | 1.0                        | 32  | NOTE 12      |
| 10101497-2005HFLF | 0.5                        | 30  | NOTE 12      |
| 10101497-2010HFLF | 1.0                        | 30  | NOTE 12      |
| 10101497-2015HFLF | 1.5                        | 30  | NOTE 12      |
| 10101497-2020HFLF | 2.0                        | 30  | NOTE 12      |
| 10101497-2025HFLF | 2.5                        | 30  | NOTE 12      |
| 10101497-2030HFLF | 3.0                        | 30  | NOTE 12      |
| 10101497-2035HFLF | 3.5                        | 30  | NOTE 12      |
| 10101497-2040HFLF | 4.0                        | 30  | NOTE 12      |
| 10101497-3005HFLF | 0.5                        | 28  | NOTE 12      |
| 10101497-3010HFLF | 1.0                        | 28  | NOTE 12      |
| 10101497-3015HFLF | 1.5                        | 28  | NOTE 12      |
| 10101497-3020HFLF | 2.0                        | 28  | NOTE 12      |
| 10101497-3025HFLF | 2.5                        | 28  | NOTE 12      |
| 10101497-3030HFLF | 3.0                        | 28  | NOTE 12      |
| 10101497-3035HFLF | 3.5                        | 28  | NOTE 12      |
| 10101497-3040HFLF | 4.0                        | 28  | NOTE 12      |
| 10101497-3045HFLF | 4.5                        | 28  | NOTE 12      |
| 10101497-3050HFLF | 5.0                        | 28  | NOTE 12      |
| 10101497-4005HFLF | 0.5                        | 26  | NOTE 12      |
| 10101497-4010HFLF | 1.0                        | 26  | NOTE 12      |
| 10101497-4015HFLF | 1.5                        | 26  | NOTE 12      |
| 10101497-4020HFLF | 2.0                        | 26  | NOTE 12      |
| 10101497-4025HFLF | 2.5                        | 26  | NOTE 12      |
| 10101497-4030HFLF | 3.0                        | 26  | NOTE 12      |
| 10101497-4035HFLF | 3.5                        | 26  | NOTE 12      |
| 10101497-4040HFLF | 4.0                        | 26  | NOTE 12      |
| 10101497-4045HFLF | 4.5                        | 26  | NOTE 12      |
| 10101497-4050HFLF | 5.0                        | 26  | NOTE 12      |
| 10101497-4055HFLF | 5.5                        | 26  | NOTE 12      |
| 10101497-4060HFLF | 6.0                        | 26  | NOTE 12      |
| 10101497-4065HFLF | 6.5                        | 26  | NOTE 10 & 12 |
| 10101497-4070HFLF | 7.0                        | 26  | NOTE 10 & 12 |

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STATUS:Released

Printed: Dec 23, 2010

| PRODUCT NUMBER    | LENGTH (Meters)<br>"DIM L" | AWG | NOTES        |
|-------------------|----------------------------|-----|--------------|
| 10101497-5005HFLF | 0.5                        | 24  | NOTE 12      |
| 10101497-5010HFLF | 1.0                        | 24  | NOTE 12      |
| 10101497-5015HFLF | 1.5                        | 24  | NOTE 12      |
| 10101497-5020HFLF | 2.0                        | 24  | NOTE 12      |
| 10101497-5025HFLF | 2.5                        | 24  | NOTE 12      |
| 10101497-5030HFLF | 3.0                        | 24  | NOTE 12      |
| 10101497-5035HFLF | 3.5                        | 24  | NOTE 12      |
| 10101497-5040HFLF | 4.0                        | 24  | NOTE 12      |
| 10101497-5045HFLF | 4.5                        | 24  | NOTE 12      |
| 10101497-5050HFLF | 5.0                        | 24  | NOTE 12      |
| 10101497-5055HFLF | 5.5                        | 24  | NOTE 12      |
| 10101497-5060HFLF | 6.0                        | 24  | NOTE 12      |
| 10101497-5065HFLF | 6.5                        | 24  | NOTE 12      |
| 10101497-5070HFLF | 7.0                        | 24  | NOTE 12      |
| 10101497-5075HFLF | 7.5                        | 24  | NOTE 12      |
| 10101497-5080HFLF | 8.0                        | 24  | NOTE 10 & 12 |
| 10101497-5085HFLF | 8.5                        | 24  | NOTE 10 & 12 |
| 10101497-5090HFLF | 9.0                        | 24  | NOTE 10 & 12 |
| 10101497-5095HFLF | 9.5                        | 24  | NOTE 10 & 12 |
| 10101497-5100HFLF | 10.0                       | 24  | NOTE 10 & 12 |

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HALOGEN FREE CABLE ASSEMBLY PART NUMBERS



FINAL ASSEMBLY - ALTERNATE CABLE  
SFP+ (PASSIVE) ASSEMBLY  
catalog no -

dwg no

10101497

Rev.  
B

CUSTOMER

sheet 4 of 5

| Product number    | DESCRIPTION       | NOTES      |
|-------------------|-------------------|------------|
| 10101497-XXXXLF   | NON-HF            | SEE SHT. 3 |
| 10101497-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  
COLLET: BRASS  
SCREWS: STAINLESS STEEL  
PADDLE CARD: PRINTED CIRCUIT SUBSTRATE  
JET MELT: POLYIMIDE POLYMER
- 2 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
- 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  
REVISION  
DATE CODE (YY/MM/DD FORMAT) - SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- 5 - ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.  
ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED.
- 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.
- 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.

|                                                                                       |                                  |                    |              |
|---------------------------------------------------------------------------------------|----------------------------------|--------------------|--------------|
|  | FINAL ASSEMBLY - ALTERNATE CABLE | dwg no<br>10101497 | Rev.<br>B    |
|                                                                                       | SFP+ (PASSIVE) ASSEMBLY          |                    |              |
| catalog no                                                                            | -                                | CUSTOMER           | sheet 5 of 5 |