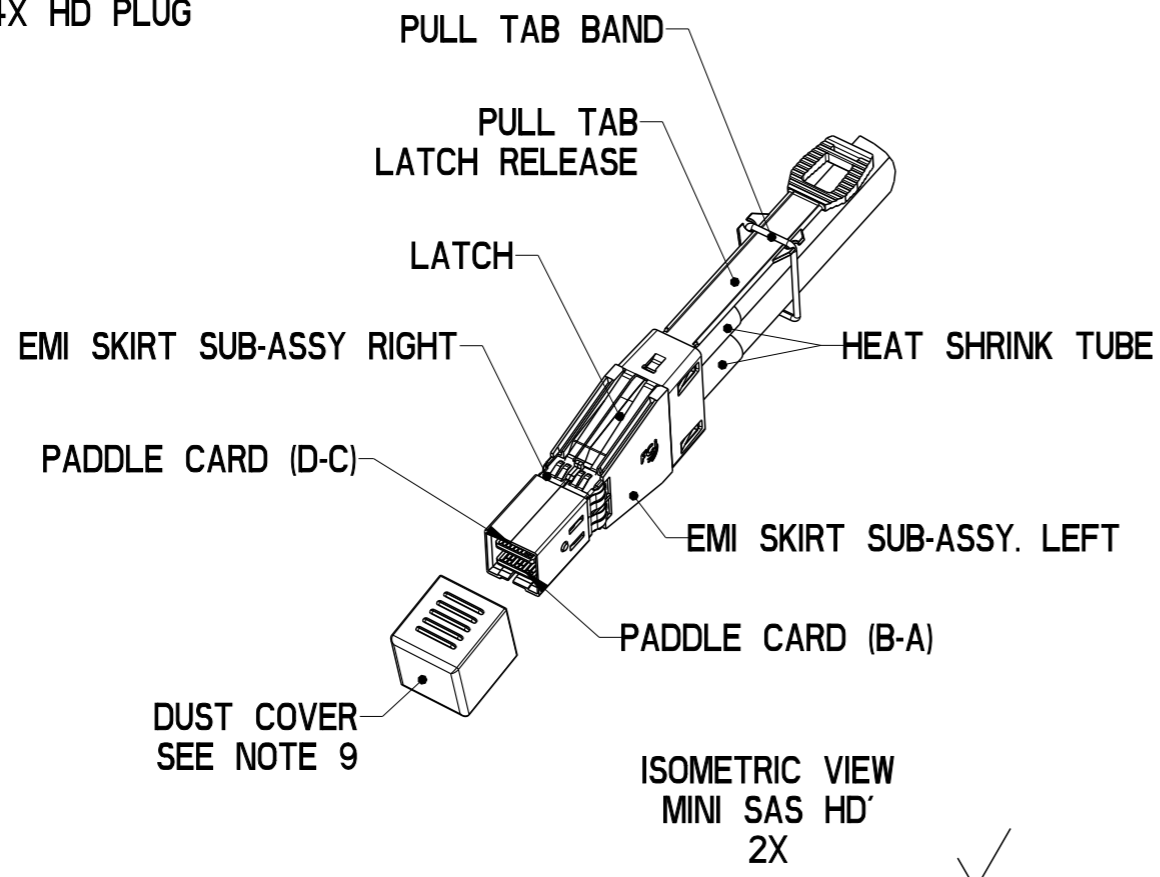
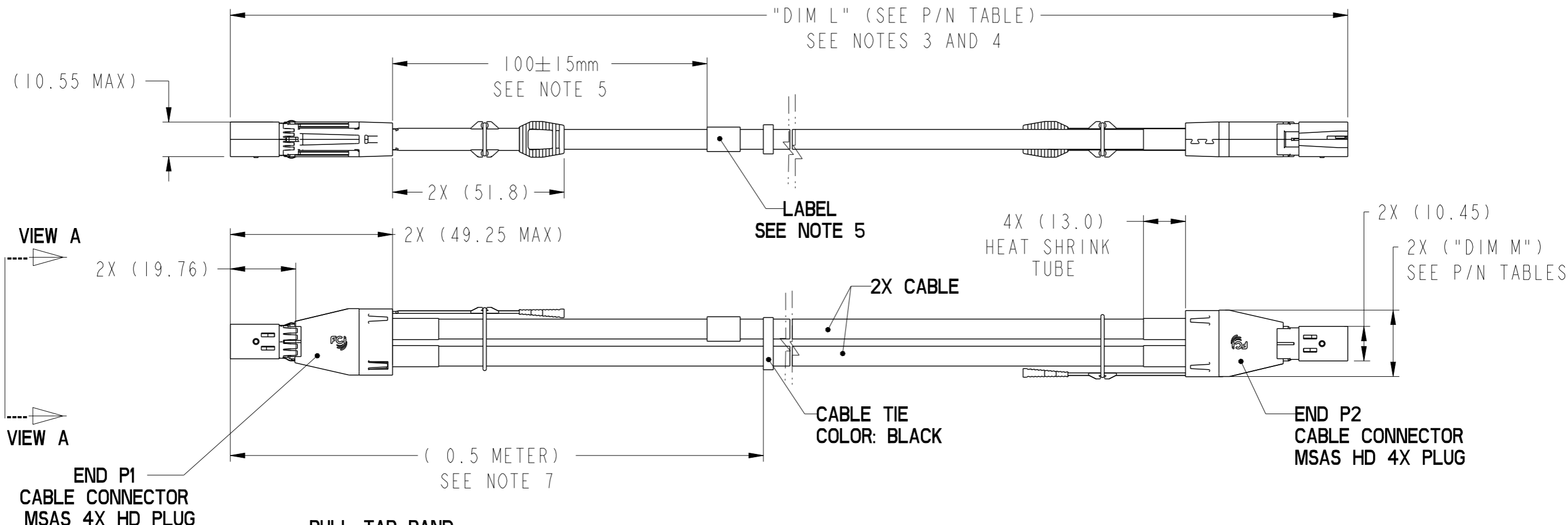


| PRODUCT NUMBER | DESCRIPTION | NOTES |
|------------------|--------------------------------|------------|
| 10120707-XXXXLF | NON-HF,SEE NOTE 12&16 | SEE SHT. 3 |
| 10120707-XXXXHLF | HALOGEN FREE(H),SEE NOTE 11&16 | SEE SHT. 3 |

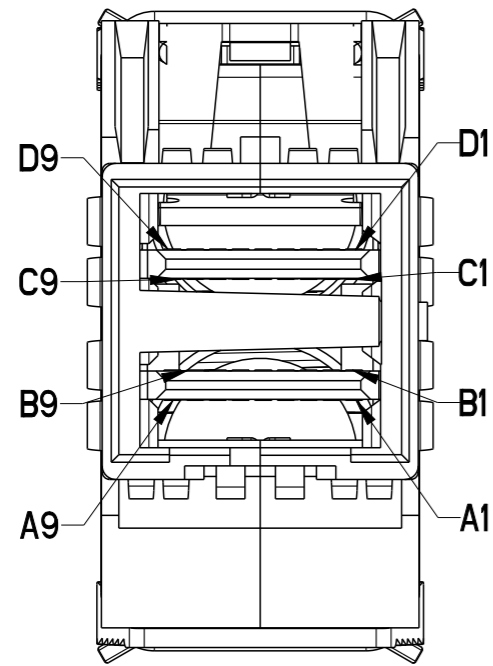


| | | | | | | | | |
|---------------------|--------------|------------|--------------------------|-----|--------|------------------------|-----------|--------------|
| dr | David Lord | 2012/04/26 | projection | mm | size | A3 | scale | 1:2 |
| eng | Alex Xu | 2019/06/12 | | | ecn no | ELX-N-30585-1 | rel level | Released |
| chr | - | - | | | | | | |
| appr | Michael Zhou | 2019/06/12 | product family | C&A | | | | |
| Amphenol FCI | | | FINAL ASSEMBLY (PASSIVE) | | | dwg no 10120707 | | rev B |
| www.fci.com | | | cat. no. - | | | Product - Customer Drw | | sheet 1 of 4 |

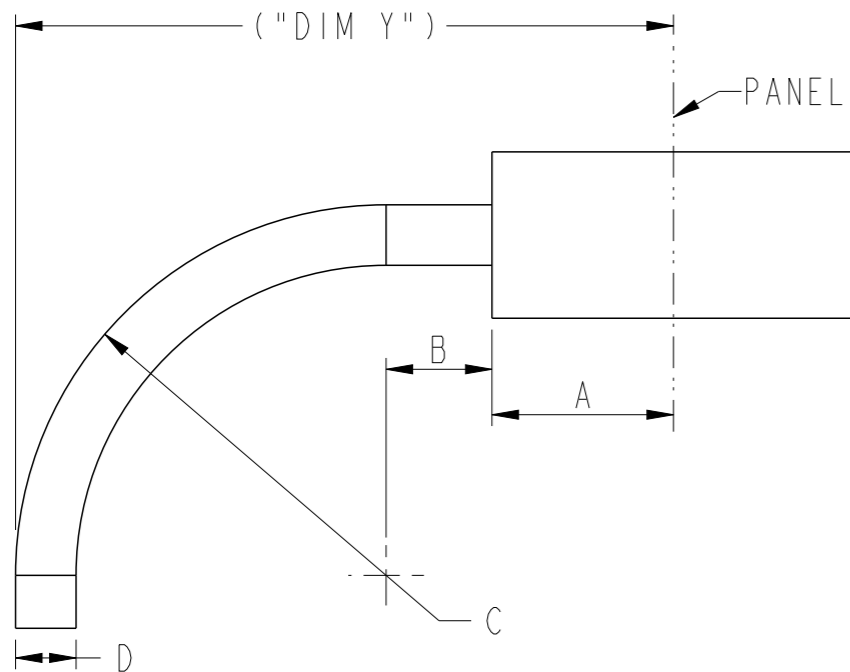
Amphenol FCI

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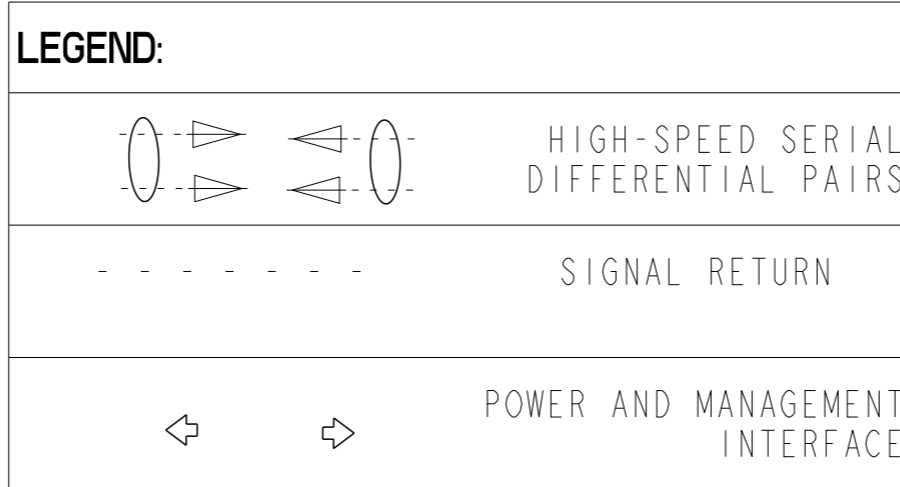
| PRODUCT NUMBER | DESCRIPTION | NOTES |
|------------------|--------------------------------|------------|
| 10120707-XXXXLF | NON-HF,SEE NOTE 12&16 | SEE SHT. 3 |
| 10120707-XXXXHLF | HALOGEN FREE(H),SEE NOTE 11&16 | SEE SHT. 3 |



P1
VIEW A
SCALE 4:1



BEND RADIUS
TOP VIEW OF CONNECTOR



| MINIMUM CABLE BEND TABLE | | | | | |
|--------------------------|------|------|------|-------------|------------------|
| CABLE | A | B | C | D (nominal) | ("DIM Y") NON-HF |
| 26 AWG | 29.5 | 13.0 | 40.4 | ∅6.73 | 82.9 |
| 30 AWG | | | 31.3 | ∅5.21 | 73.8 |

| MINIMUM CABLE BEND TABLE | | | | | |
|--------------------------|------|------|------|-------------|--------------|
| CABLE | A | B | C | D (nominal) | ("DIM Y") HF |
| 26 AWG | 29.5 | 13.0 | 40.4 | ∅6.73 | 82.9 |
| 30 AWG | | | 31.3 | ∅5.21 | 73.8 |

| WIRING LIST (SEE NOTE 6) | | | | | |
|--------------------------|----------|-------|----------|----------|--|
| END P1 | | | END P2 | | |
| POSITION | SYMBOL | | POSITION | SYMBOL | |
| D9 | GROUND | ----- | B9 | GROUND | |
| D8 | Tx2- | ⊖ | B8 | Rx2- | |
| D7 | Tx2+ | ⊕ | B7 | Rx2+ | |
| D6 | GROUND | ----- | B6 | GROUND | |
| D5 | Tx0- | ⊖ | B5 | Rx0- | |
| D4 | Tx0+ | ⊕ | B4 | Rx0+ | |
| D3 | GROUND | ----- | B3 | GROUND | |
| D2 | Vman | ↔ | B2 | ModPrsL | |
| D1 | Vact | ↔ | B1 | Vact | |
| C1 | SCL | ↔ | A1 | Reserved | |
| C2 | SDA | ↔ | A2 | IntI | |
| C3 | GROUND | ----- | A3 | GROUND | |
| C4 | Tx1+ | ⊕ | A4 | Rx1+ | |
| C5 | Tx1- | ⊖ | A5 | Rx1- | |
| C6 | GROUND | ----- | A6 | GROUND | |
| C7 | Tx3+ | ⊕ | A7 | Rx3+ | |
| C8 | Tx3- | ⊖ | A8 | Rx3- | |
| C9 | GROUND | ----- | A9 | GROUND | |
| B9 | GROUND | ----- | D9 | GROUND | |
| B8 | Rx2- | ⊖ | D8 | Tx2- | |
| B7 | Rx2+ | ⊕ | D7 | Tx2+ | |
| B6 | GROUND | ----- | D6 | GROUND | |
| B5 | Rx0- | ⊖ | D5 | Tx0- | |
| B4 | Rx0+ | ⊕ | D4 | Tx0+ | |
| B3 | GROUND | ----- | D3 | GROUND | |
| B2 | ModPrsL | ↔ | D2 | Vman | |
| B1 | Vact | ↔ | D1 | Vact | |
| A1 | Reserved | ↔ | C1 | SCL | |
| A2 | IntI | ↔ | C2 | SDA | |
| A3 | GROUND | ----- | C3 | GROUND | |
| A4 | Rx1+ | ⊖ | C4 | Tx1+ | |
| A5 | Rx1- | ⊕ | C5 | Tx1- | |
| A6 | GROUND | ----- | C6 | GROUND | |
| A7 | Rx3+ | ⊖ | C7 | Tx3+ | |
| A8 | Rx3- | ⊕ | C8 | Tx3- | |
| A9 | GROUND | ----- | C9 | GROUND | |

SHIELD-----SHIELD

| | | | | | | | | | | |
|---------------------|--------------|------------|--------------------------|-----|--------|------------------------|-----------|----------|--------------|---|
| dr | David Lord | 2012/04/26 | projection | mm | size | A3 | scale | 1:2 | | |
| eng | Alex Xu | 2019/06/12 | | | ecn no | ELX-N-30585-1 | rel level | Released | | |
| chr | - | - | | | | | | | | |
| appr | Michael Zhou | 2019/06/12 | product family | C&A | | | | | | |
| Amphenol FCI | | | FINAL ASSEMBLY (PASSIVE) | | | dwg no | | 10120707 | rev | B |
| www.fci.com | | | cat. no. | | | Product - Customer Drw | | | sheet 2 of 4 | |

NON-HALOGEN FREE
CABLE ASSEMBLY PART NUMBERS
SEE NOTE 12&16

| FCI PART NUMBER | LENGTH "DIM L" (Meters) | "DIM M" (mm) | AWG |
|-----------------|----------------------------|-----------------|-----|
| 10120707-2005LF | 0.5 | 17.3 | 30 |
| 10120707-2010LF | 1.0 | 17.3 | 30 |
| 10120707-2015LF | 1.5 | 17.3 | 30 |
| 10120707-2020LF | 2.0 | 17.3 | 30 |
| 10120707-4010LF | 1.0 | 20.1 | 26 |
| 10120707-4020LF | 2.0 | 20.1 | 26 |
| 10120707-4025LF | 2.5 | 20.1 | 26 |
| 10120707-4030LF | 3.0 | 20.1 | 26 |
| 10120707-4035LF | 3.5 | 20.1 | 26 |
| 10120707-4040LF | 4.0 | 20.1 | 26 |
| 10120707-4050LF | 5.0 | 20.1 | 26 |



HALOGEN FREE
CABLE ASSEMBLY PART NUMBERS
SEE NOTE 11&16

| FCI PART NUMBER | LENGTH "DIM L" (Meters) | "DIM M" (mm) | AWG |
|------------------|----------------------------|-----------------|-----|
| 10120707-2005HLF | 0.5 | 17.3 | 30 |
| 10120707-2010HLF | 1.0 | 17.3 | 30 |
| 10120707-2015HLF | 1.5 | 17.3 | 30 |
| 10120707-2020HLF | 2.0 | 17.3 | 30 |
| 10120707-4010HLF | 1.0 | 20.1 | 26 |
| 10120707-4020HLF | 2.0 | 20.1 | 26 |
| 10120707-4025HLF | 2.5 | 20.1 | 26 |
| 10120707-4030HLF | 3.0 | 20.1 | 26 |
| 10120707-4035HLF | 3.5 | 20.1 | 26 |
| 10120707-4040HLF | 4.0 | 20.1 | 26 |

Amphenol
FCi

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| | | | | | | | | |
|-----------------|--------------|---|------------------------|--------------|--------------------|---------------|----------|-----|
| dr | David Lord | 2012/04/26 | projection | mm | size | A3 | scale | 1:2 |
| eng | Alex Xu | 2019/06/12 | | | ecn no | ELX-N-30585-1 | | |
| chr | - | - | | | rel level | Released | | |
| appr | Michael Zhou | 2019/06/12 | product family | C&A | | rel level | Released | |
| Amphenol FCi | | FINAL ASSEMBLY (PASSIVE) 14G MSAS HD 4X ASSEMBLY | | | dwg no 10120707 | rev B | | |
| www.fci.com | cat. no. | - | Product - Customer Drw | sheet 3 of 4 | | | | |

| PRODUCT NUMBER | DESCRIPTION | NOTES |
|------------------|--------------------------------|------------|
| 10120707-XXXXLF | NON-HF,SEE NOTE 12&16 | SEE SHT. 3 |
| 10120707-XXXXHLF | HALOGEN FREE(H),SEE NOTE 11&16 | SEE SHT. 3 |

NOTES:

- 1 - MATERIAL:
 BACK SHELLS: ZINC ALLOY/ COPPER UNDERPLATE/ NICKEL OVERPLATE
 PULL TAB: THERMOPLASTIC POLYMER
 LATCH : STAINLESS STEEL
 FERRULE: BRASS
 EMI SKIRT: STAINLESS STEEL
 LOCTITE
 PADDLE CARD: PRINTED CIRCUIT SUBSTRATE
 HEAT SHRINK TUBE: POLYOLEFIN
- 2 - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2011/65/EU)

LABEL EXAMPLE

FCI CHINA
 10120707-2005LF
 REV.B
 CN1347HZ052L0001

- 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 4 METERS = ± 2% OF "DIM L"
 "DIM L" > 4 METERS = +0.00/-4% OF "DIM L"

5. LABEL DETAILS:

| | |
|-------------------------------|-------------------|
| MANUFACTURER CODE OR NAME | COUNTRY OF ORIGIN |
| CUSTOMER P/N OR FCI P/N | |
| FCI CUSTOMER DRAWING REVISION | |
| FCI SERIAL NUMBER | |

PRESENT PRODUCT BASE NUMBER(USE "HZ")

CN1347HZ052L0001

CN PRESENT MADE IN CHINA

YYWW(YEAR AND WEEK)

SEQUENCE NUMBER(0001-9999)

NON-HALOGEN FREE OR HALOGEN FREE TYPE:

L IS NON-HALOGEN FREE TYPE

H IS HALOGEN FREE TYPE

CABLE AWG(2 IS 30AWG,4 IS 26AWG)

LENGTH(05 IS 0.5 METER, 10 IS 1.0 METER, 15 IS 1.5 METERS,ETC)

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- 6. ALL CABLE ASSEMBLIES 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 7. PLACE A CABLE TIE EVERY 0.5 METER ON ALL ASSEMBLIES, UNLESS OTHERWISE SPECIFIED. IN CASE OF 0.5 METER CABLE ASSEMBLY, CABLE TIE IS TO BE APPLIED AT THE MIDWAY POINT.
- 8 - OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-651.
- 9. PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920. PACKAGE CABLE ASSEMBLIES PER GS-14-1272. DUST COVERS ARE TO BE ASSEMBLED PRIOR TO PACKAGING. FCI PACKAGE TRACKING BAG LABEL IS ONLY FOR REFERENCE.
- 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. HALOGEN FREE RAW CABLE CAN BE USED AS A SUBSTITUTE ON NON-HF PRODUCT NUMBERS.
- 13. MEETS ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 3.0
- 14. MATES TO SERIES: 10112626 or 10112627 or 10112628
- 15. EEPROM MAP INFORMATION FOLLOW FCI STANDARDS.
- 16. RAW CABLE IS OPTIONAL,WHICH HAD BEEN QUALIFIED BY FCI AND MEET FCI PRODUCT SPEC. GS-12-651.

| | | | | | | | | |
|-------------|--------------|------------|----------------|------------------------|--------------|---------------|-------|-----|
| dr | David Lord | 2012/04/26 | projection | mm | size | A3 | scale | 1:2 |
| eng | Alex Xu | 2019/06/12 | | | ecn no | ELX-N-30585-1 | | |
| chr | - | - | product family | C&A | rel level | Released | | |
| appr | Michael Zhou | 2019/06/12 | | | dwg no | 10120707 | rev | B |
| www.fci.com | | cat. no. | - | Product - Customer Drw | sheet 4 of 4 | | | |



Amphenol FCI

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