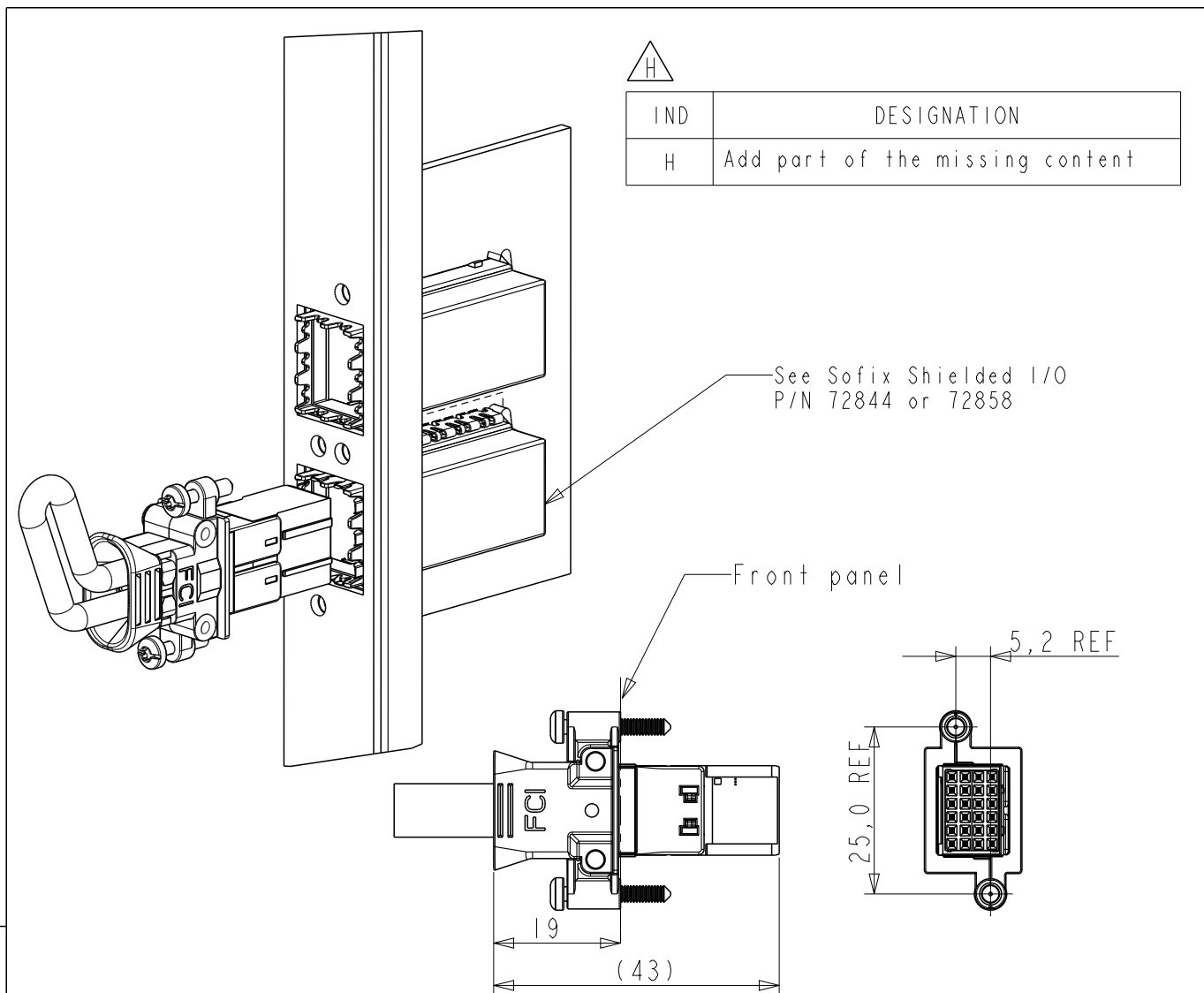




**MATERIAL**  
 1 TERMINAL BLOCK....30% GLASS FILLED POLYESTER  
 2 SHROUD.....30% GLASS FILLED POLYAMIDE  
                                 FLAME RETARDANT ACC. TO UL-94  
 3 COVER.....ZINC ALLOY  
 4 TERMINAL.....TINBRONZE  
 5 FERRULE.....TINBRONZE  
 6 SCREW.....STEEL  
 7 RIVET.....BRASS

PRODUCT SPECIFICATION: GS-12-308  
 PACKAGING SPECIFICATION: EUR-14-008  
 APPLICATION SPECIFICATION: GS-20-050

## 8-ROHS INFORMATIONS:

-This product meets European Union Directives and other country regulations as described in GS-22-008.

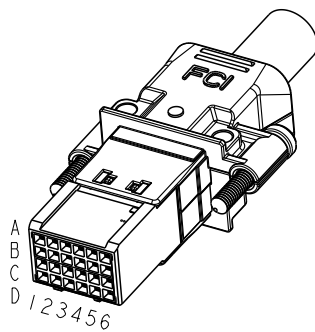
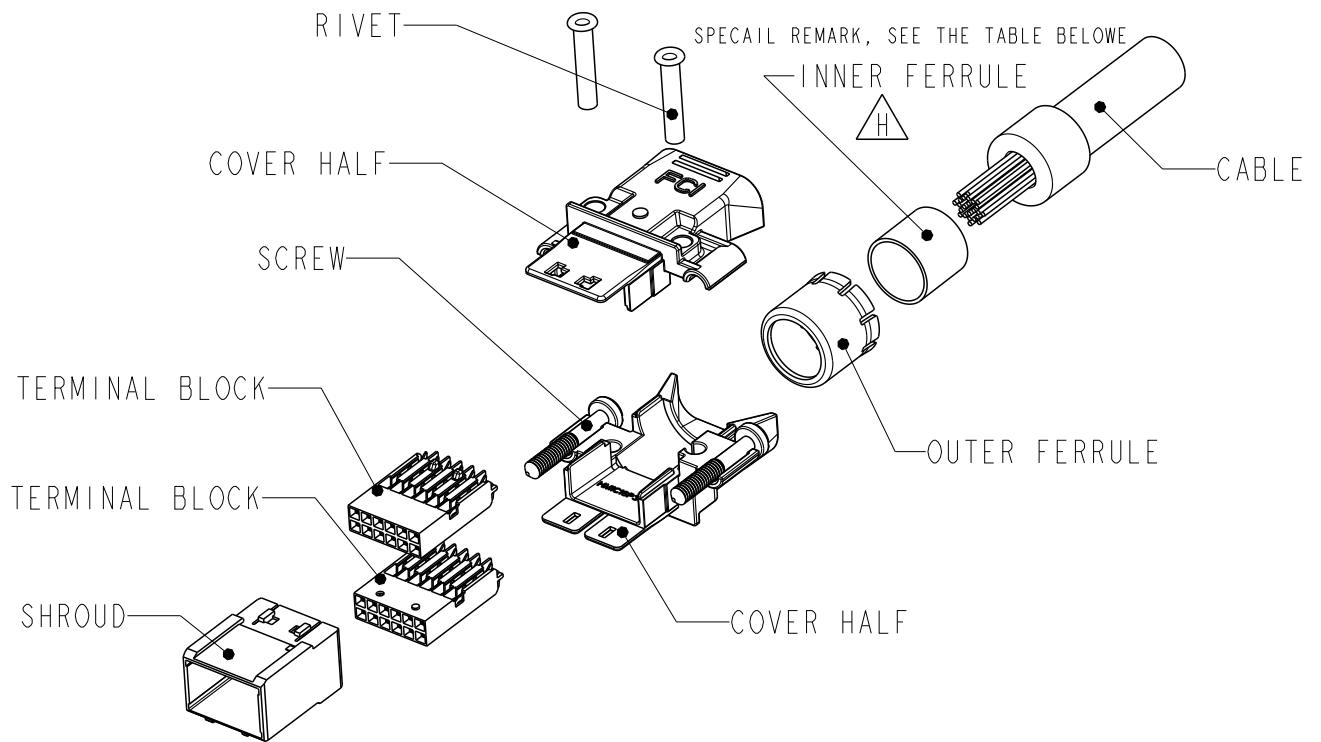
-Packaging spec: see GS-14-920.

| spec ref            |         | RELEASED                              |       |
|---------------------|---------|---------------------------------------|-------|
| tolerance std       |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |
| ISO 406<br>ISO 1101 |         |                                       |       |
| surface             | linear  | 0.X                                   | ±0.3  |
|                     |         | 0.XX                                  | ±0.1  |
|                     |         | 0.XXX                                 | ±0.05 |
|                     | angular | 0°                                    | ±2°   |
| ISO 1302            |         |                                       |       |

| Performance level |                  |
|-------------------|------------------|
| HMIC16D-J110EBLF  | Customer Special |

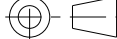


|                 |                            |            |                                   |                           |              |               |              |       |  |
|-----------------|----------------------------|------------|-----------------------------------|---------------------------|--------------|---------------|--------------|-------|--|
| dr              | Andy Zhang                 | 2010/11/04 | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size         | A4            | scale        | 1 / 1 |  |
| eng             | Nick Zhang                 | 2017/08/03 |                                   |                           | ecn no       | ELX-N-27605-1 |              |       |  |
| chr             | -                          | -          |                                   |                           | rel level    | Released      |              |       |  |
| appr            | Tim Yao                    | 2017/08/03 | product family                    |                           | METRAL SOFIX |               |              |       |  |
| Amphenol<br>FCi | title                      |            |                                   |                           | dwg no       | BSA202877001  |              | rev   |  |
|                 | 24 pos. shielded CC<br>IDC |            |                                   |                           |              |               |              | H     |  |
| cat. no.        |                            | SEE TABLE  | Product - Customer Drw            |                           |              |               | sheet 1 of 3 |       |  |



| INNER FERRULES<br>(to be ordered separately) | Approved cables                               | Maximum<br>External<br>Ø Cable |
|----------------------------------------------|-----------------------------------------------|--------------------------------|
| HMIC01CR02BLF                                | 4 PAIRS, 26 AWG<br>CONDUCTOR DIA: 0.4 mm      | 8.85                           |
| HMIC01CR03BLF                                | 12 PAIRS, 26 AWG<br>CONDUCTOR DIA: 0.4 mm     | 6.60                           |
| HMIC01CR04BLF                                | 4 CONDUCTORS, 26 AWG<br>CONDUCTOR DIA: 0.4 mm | 5.60                           |
| HMIC01CR05BLF                                | 4 PAIRS, 26 AWG<br>CONDUCTOR DIA: 0.4 mm      | 4.9                            |
| HMIC01CR06BLF                                | 4 PAIRS, 26 AWG<br>CONDUCTOR DIA: 0.4 mm      | 7.85                           |
| HMIC01CR07BLF                                | 12X2 PAIRS, 26 AWG<br>CONDUCTOR DIA: 0.4 mm   | 7.0                            |

|               |                                       |       |       |
|---------------|---------------------------------------|-------|-------|
| spec ref      | RELEASED                              |       |       |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       |
| ISO 406       |                                       |       |       |
| ISO 1101      |                                       |       |       |
| surface       | linear                                | 0.X   | ±0.3  |
|               |                                       | 0.XX  | ±0.1  |
|               |                                       | 0.XXX | ±0.05 |
|               | angular                               | 0°    | ±2°   |
| ISO 1302      |                                       |       |       |

|                 |            |            |                                                                                                   |                                                                                            |           |               |              |     |
|-----------------|------------|------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------|---------------|--------------|-----|
| dr              | Andy Zhang | 2010/11/04 | projection<br> | mm<br> | size      | A4            | scale        | 1/1 |
| eng             | Nick Zhang | 2017/08/03 |                                                                                                   |                                                                                            | ecn no    | ELX-N-27605-1 |              |     |
| chr             | -          | -          |                                                                                                   |                                                                                            | rel level | Released      |              |     |
| appr            | Tim Yao    | 2017/08/03 | product family                                                                                    |                                                                                            |           |               |              |     |
| Amphenol<br>FCi | title      |            |                                                                                                   | 24 pos. shielded CC                                                                        | dwg no    | BSA202877001  |              | rev |
|                 | IDC        |            |                                                                                                   | H                                                                                          |           |               |              |     |
|                 | cat. no.   |            | Product - Customer Drw                                                                            |                                                                                            |           |               | sheet 2 of 3 |     |

Creo File - REV E - 2016-02-12

LEAD-FREE PRODUCTS:(see note 8)

Kit: HMIC16D-J110EBLF



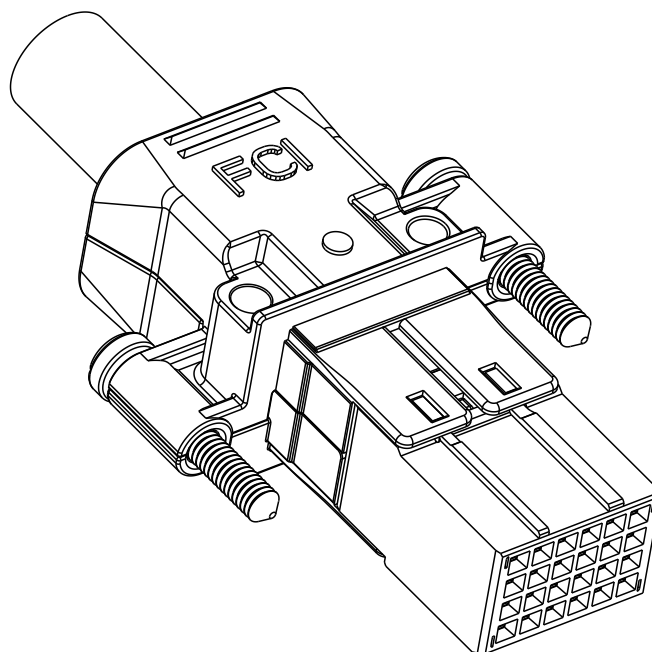
| COMPONENTS           | CONSISTS OF:     | QTY |
|----------------------|------------------|-----|
| SHROUD               | HMISH1BLF        | 1   |
| COVER HALF           | HMIC16P36LF      | 1   |
| COVER HALF           | HMIC16P38LF      | 1   |
| RIVET                | HPTE1624LF       | 2   |
| SCREW                | HPTE1623LF       | 2   |
| TERMINAL BLOCK LEFT  | HMIC16D*0L10EBLF | 1   |
| TERMINAL BLOCK RIGHT | HMIC16D*0R10EBLF | 1   |
| OUTER FERRULE        | HMIC01CR01LF     | 1   |

| Catalog Number   | AWG* (Apply to wire diameter ) |
|------------------|--------------------------------|
| HMIC16D0J110EBLE | 28 AWG or 30 AWG               |
| HMIC16D2J110EBLE | 24 AWG or 26 AWG               |

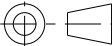


Dimension with oval around are critical dimensions including any attached geometrical tolerance. Other features or stand-alone geometrical tolerances being critical have a note "CRITICAL FEATURE" below the item

A symbol  (x: drawing current revision) will be next to any dimension, view or note which has been modified with the current drawing revision



| spec ref      | RELEASED                              |       |       |
|---------------|---------------------------------------|-------|-------|
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       |
| ISO 406       |                                       |       |       |
| ISO 1101      |                                       |       |       |
| surface       | linear                                | 0.X   | ±0.3  |
|               |                                       | 0.XX  | ±0.1  |
|               |                                       | 0.XXX | ±0.05 |
|               | angular                               | 0°    | ±2°   |

|                     |            |                                  |                                                                                                                      |                                                                                                               |                     |               |              |     |
|---------------------|------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------|---------------|--------------|-----|
| dr                  | Andy Zhang | 2010/11/04                       | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size                | A4            | scale        | 1/1 |
| eng                 | Nick Zhang | 2017/08/03                       |                                                                                                                      |                                                                                                               | ecn no              | ELX-N-27605-1 |              |     |
| chr                 | -          | -                                |                                                                                                                      |                                                                                                               | rel level           | Released      |              |     |
| appr                | Tim Yao    | 2017/08/03                       | product family                                                                                                       | METRAL SOFIX                                                                                                  |                     |               |              |     |
| <b>Amphenol FCI</b> |            | title 24 pos. shielded CC<br>IDC |                                                                                                                      |                                                                                                               | dwg no BSA202877001 |               | rev H        |     |
|                     |            | cat. no.                         | SEE TABLE                                                                                                            | Product - Customer Drw                                                                                        |                     |               | sheet 3 of 3 |     |

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Amphenol  
FCI

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