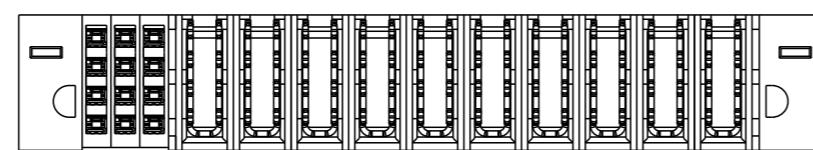


PRODUCT NUMBER SEE SHEET 2

A

A



B

B

A technical line drawing of a component, likely a connector or a housing, showing a series of vertical pins or contacts. The component is shown in a perspective view, with a note indicating a total width of 70.87. The note is positioned below the component, with an arrow pointing to the right edge of the contacts. The drawing uses fine lines and cross-hatching for detail, and the note is in a clear, sans-serif font.

6

6

Technical drawing showing dimensions for a component. The top horizontal dimension is 12.70. The right vertical dimension is 4.19. The left vertical dimension is 11.94. The right side vertical dimension is 2.54 TYP. The bottom horizontal dimension is 3.43 ± 0.40 TYP. The bottom right vertical dimension is 1.37. The text 'TAIL LENGTH' is at the bottom.

Copyright FCL.

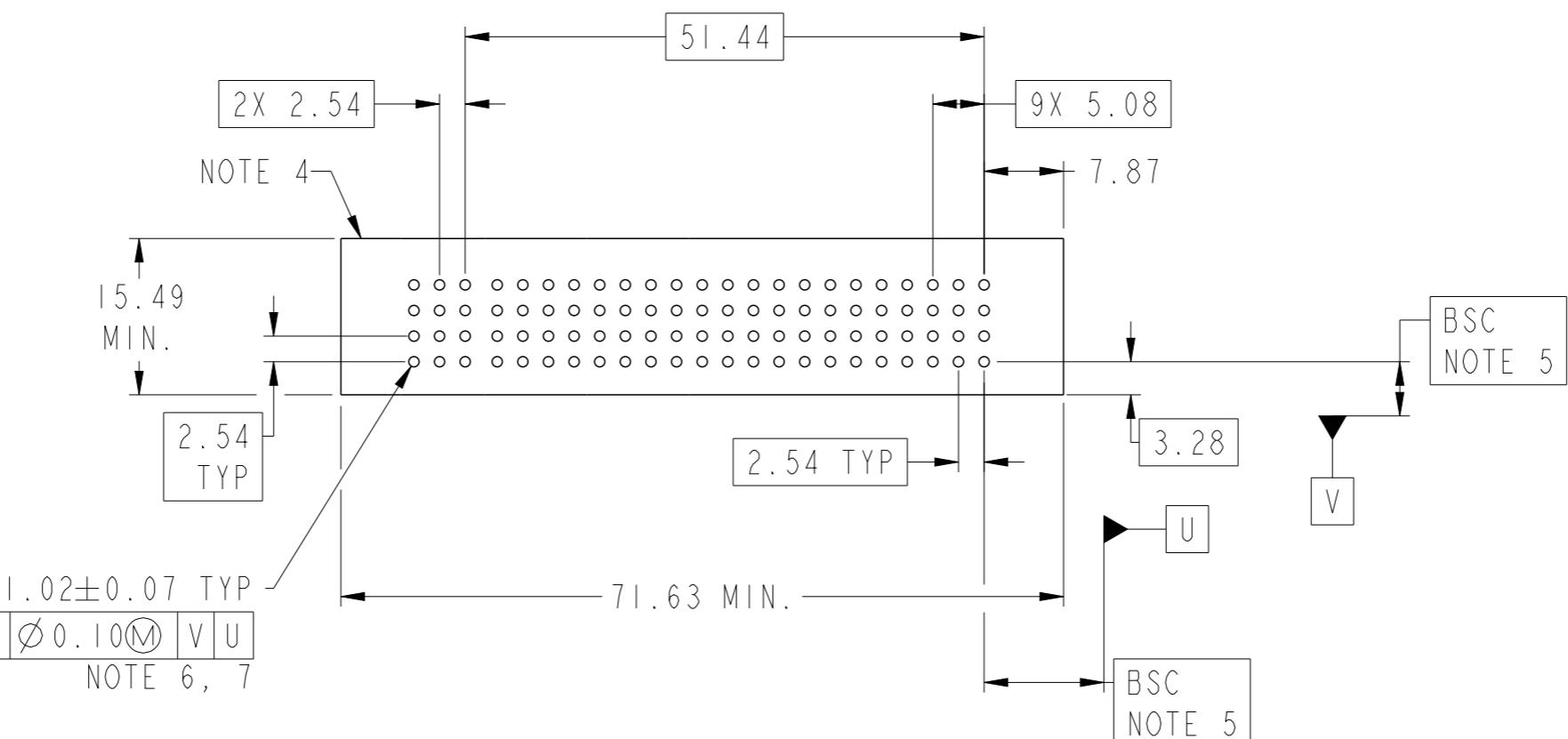
D

1

| | | | | | | | | | | | | |
|---------------|--|------|----------------|---|------------------|---|---|-------------|--------------|------------------|--|--|
| spec ref | | | dr | Peng-Bing Fu | 2013/04/10 |  |  | size | A3 | scale | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5 | | eng | Peng-Bing Fu | 2013/05/07 | | | ecn no | 3:2 | | | |
| chr | | | - | - | - | | | - | | | | |
| appr | | | Pei-Ming Zheng | 2013/05/07 | product family | | | PowerBlade+ | rel level | Released | | |
| surface | linear | 0.X | ±0.50 |  | 10HDP +12S | | | | dwg no | 10106139-A003001 | | |
| | | 0.XX | ±0.25 | | VT PF RECEPTACLE | | | | rev | A | | |
| ASME Y14.5 | angular | 0° | ±2° | | www.fci.com | cat. no. | Product - Customer Drw | | sheet 1 of 3 | | | |

| PRODUCT NO. | ROWS | HIGH POWER | | | | | | | | | | | | | | |
|--------------------|------------------|------------|---|---|---|-----|----|----|----|----|----|----|----|----|----|--|
| | | E1 | 3 | 2 | 1 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | |
| 10106139-A003001LF | D C B A | | | | | | | | | | | | | | | |

| CODE | DESCRIPTION |
|------|-------------------------------|
| F | STD SIGNAL CONTACT |
| HG | STD HIGH POWER CONTACT (3.43) |



| | | | | | | | |
|------|--------------------------------|------------|-------------------------|-------------|-----------|----------|--|
| dr | Peng-Bing Fu | 2013/04/10 | projection | MM | size | scale | |
| eng | Peng-Bing Fu | 2013/05/07 | | | | | |
| chr | - | - | | | | | |
| appr | Pei-Ming Zheng | 2013/05/07 | product family | PowerBlade+ | rel level | Released | |
| | 10HDP +12S VT PF RECEPTACLE | cat. no. | Product - Customer Drw | | | | |
| | | | dwg no 10106139-A003001 | | | | |
| | | | rev A | | | | |

A

NOTES:

- 1) "FCI", PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- 2) MATERIALS:
-HOUSING - GLASS FILLED WITH HIGH TEMP THERMOPLASTIC, UL94V-0.
-SIGNAL CONTACT - COPPER ALLOY.
-POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3) PLATING SPECIFICATION REFER TO FCI 10116351
- 4) DENOTES CONNECTOR KEEP OUT ZONE.
- 5) DATUM AND BASIC DIMENSIONS WERE ESTABLISHED BY CUSTOMER.
- 6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7) $1.15 \pm 0.025\text{MM}$ DRILLED HOLE PLATED WITH 0.00762MM MIN Sn
OVER $0.0254\text{-}0.0762\text{MM}$ Cu PLATING TO ACHIEVE A $1.02 \pm 0.07\text{MM}$ HOLE.
- 8) PRODUCT SPECIFICATION REFER TO FCI GS-12-658.
APPLICATION SPECIFICATION REFER TO FCI GS-20-141.
PRODUCT PACKAGED IN TRAYS, REFER TO FCI GS-14-1502.
- 9) THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL
MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE
MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE
VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

A

B

B

C

C

Copyright FCI

D

D

| | | | | | | |
|---|--------------------------------|------------|---|------------------------|------------|--------------|
| dr | Peng-Bing Fu | 2013/04/10 | projection  | MM | size A3 | scale 1:1 |
| eng | Peng-Bing Fu | 2013/05/07 | | | | |
| chr | - | - | | | | |
| appr | Pei-Ming Zheng | 2013/05/07 | | | | |
| | | | product family | PowerBlade+ | rel level | Released |
|  | 10HDP +12S VT PF RECEPTACLE | | dwg no | 10106139-A003001 | rev | A |
| | | | cat. no. | Product - Customer Drw | sheet | 3 of 3 |
| www.fci.com | | | | | | |