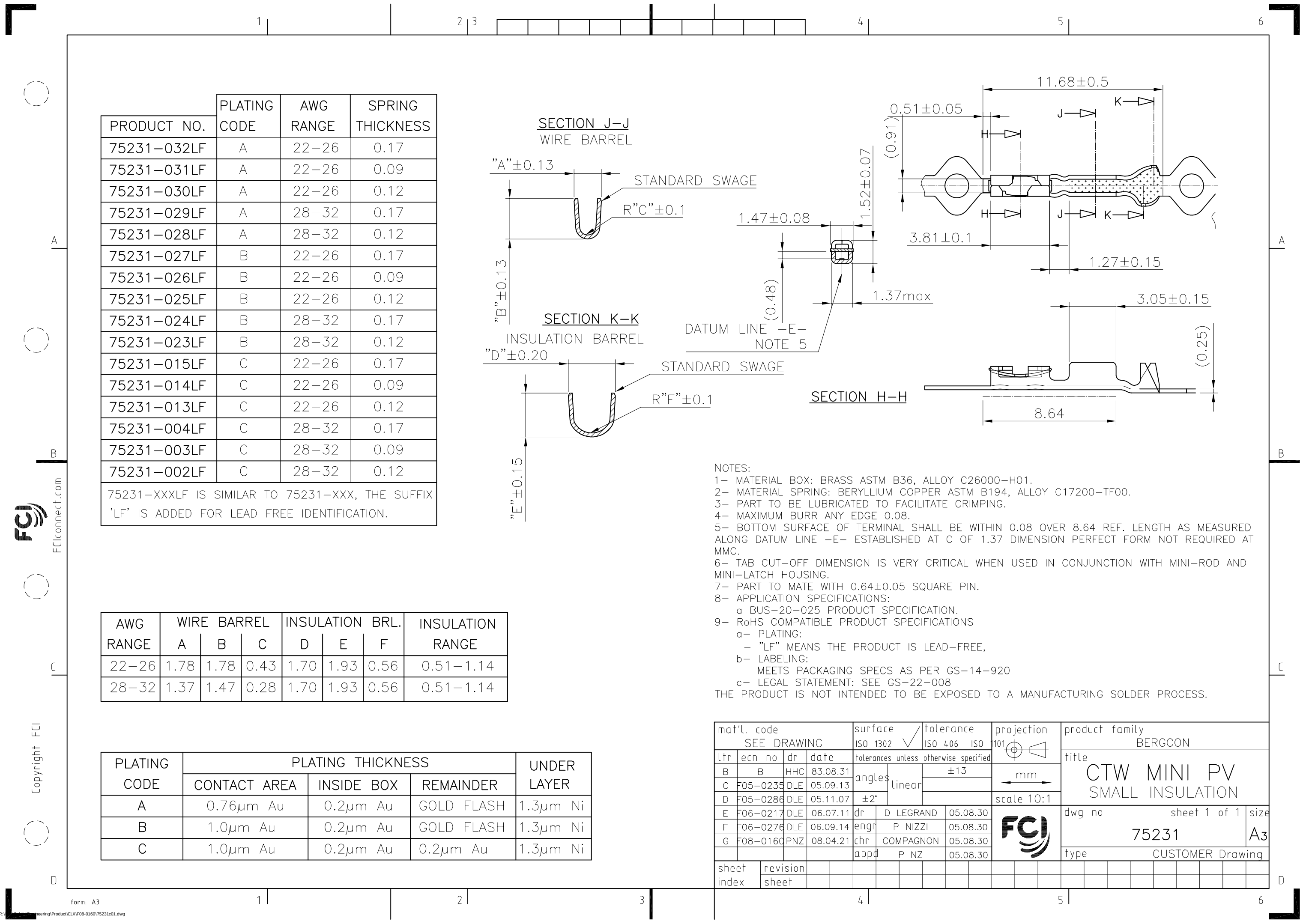




| PRODUCT NO.                                                                                 | PLATING CODE | AWG RANGE | SPRING THICKNESS |
|---------------------------------------------------------------------------------------------|--------------|-----------|------------------|
| 75231-032LF                                                                                 | A            | 22-26     | 0.17             |
| 75231-031LF                                                                                 | A            | 22-26     | 0.09             |
| 75231-030LF                                                                                 | A            | 22-26     | 0.12             |
| 75231-029LF                                                                                 | A            | 28-32     | 0.17             |
| 75231-028LF                                                                                 | A            | 28-32     | 0.12             |
| 75231-027LF                                                                                 | B            | 22-26     | 0.17             |
| 75231-026LF                                                                                 | B            | 22-26     | 0.09             |
| 75231-025LF                                                                                 | B            | 22-26     | 0.12             |
| 75231-024LF                                                                                 | B            | 28-32     | 0.17             |
| 75231-023LF                                                                                 | B            | 28-32     | 0.12             |
| 75231-015LF                                                                                 | C            | 22-26     | 0.17             |
| 75231-014LF                                                                                 | C            | 22-26     | 0.09             |
| 75231-013LF                                                                                 | C            | 22-26     | 0.12             |
| 75231-004LF                                                                                 | C            | 28-32     | 0.17             |
| 75231-003LF                                                                                 | C            | 28-32     | 0.09             |
| 75231-002LF                                                                                 | C            | 28-32     | 0.12             |
| 75231-XXXLF IS SIMILAR TO 75231-XXX, THE SUFFIX 'LF' IS ADDED FOR LEAD FREE IDENTIFICATION. |              |           |                  |

| AWG RANGE | WIRE BARREL |      |      | INSULATION BRL. |      |      | INSULATION RANGE |
|-----------|-------------|------|------|-----------------|------|------|------------------|
|           | A           | B    | C    | D               | E    | F    |                  |
| 22-26     | 1.78        | 1.78 | 0.43 | 1.70            | 1.93 | 0.56 | 0.51-1.14        |
| 28-32     | 1.37        | 1.47 | 0.28 | 1.70            | 1.93 | 0.56 | 0.51-1.14        |

| PLATING CODE | PLATING THICKNESS |            |            | UNDER LAYER |
|--------------|-------------------|------------|------------|-------------|
|              | CONTACT AREA      | INSIDE BOX | REMAINDER  |             |
| A            | 0.76µm Au         | 0.2µm Au   | GOLD FLASH | 1.3µm Ni    |
| B            | 1.0µm Au          | 0.2µm Au   | GOLD FLASH | 1.3µm Ni    |
| C            | 1.0µm Au          | 0.2µm Au   | 0.2µm Au   | 1.3µm Ni    |

NOTES:

1- MATERIAL BOX: BRASS ASTM B36, ALLOY C26000-H01.

2- MATERIAL SPRING: BERYLLIUM COPPER ASTM B194, ALLOY C17200-TF00.

3- PART TO BE LUBRICATED TO FACILITATE CRIMPING.

4- MAXIMUM BURR ANY EDGE 0.08.

5- BOTTOM SURFACE OF TERMINAL SHALL BE WITHIN 0.08 OVER 8.64 REF. LENGTH AS MEASURED ALONG DATUM LINE -E- ESTABLISHED AT C OF 1.37 DIMENSION PERFECT FORM NOT REQUIRED AT MMC.

6- TAB CUT-OFF DIMENSION IS VERY CRITICAL WHEN USED IN CONJUNCTION WITH MINI-ROD AND MINI-LATCH HOUSING.

7- PART TO MATE WITH 0.64±0.05 SQUARE PIN.

8- APPLICATION SPECIFICATIONS:

a BUS-20-025 PRODUCT SPECIFICATION.

9- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a- PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,

b- LABELING:

MEETS PACKAGING SPECS AS PER GS-14-920

c- LEGAL STATEMENT: SEE GS-22-008

THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.

|                            |  |                |  |                       |  |                              |  |                                                                                                     |  |                           |  |                                              |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
|----------------------------|--|----------------|--|-----------------------|--|------------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------|--|----------------------------------------------|--|---------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-----|--|
| mat'l. code<br>SEE DRAWING |  |                |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406 ISO 101 |  | projection<br> |  | product family<br>BERGCON |  |                                              |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
| ltr                        |  | ecn no         |  | dr                    |  | date                         |  | tolerances unless otherwise specified                                                               |  |                           |  | title<br><br>CTW MINI PV<br>SMALL INSULATION |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
| B                          |  | B              |  | HHC                   |  | 83.08.31                     |  | angles                                                                                              |  | linear                    |  |                                              |  |                                                                                                         |  |  |  |  |  |  |  | ±13 |  |
| C                          |  | F05-0235       |  | DLE                   |  | 05.09.13                     |  |                                                                                                     |  |                           |  |                                              |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
| D                          |  | F05-0286       |  | DLE                   |  | 05.11.07                     |  | ±2°                                                                                                 |  |                           |  |                                              |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
| E                          |  | F06-0217       |  | DLE                   |  | 06.07.11                     |  | dr                                                                                                  |  | D LEGRAND                 |  | 05.08.30                                     |  | scale 10:1<br><br> |  |  |  |  |  |  |  |     |  |
| F                          |  | F06-0276       |  | DLE                   |  | 06.09.14                     |  | engr                                                                                                |  | P NIZZI                   |  | 05.08.30                                     |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
| G                          |  | F08-0160       |  | PNZ                   |  | 08.04.21                     |  | chr                                                                                                 |  | COMPAGNON                 |  | 05.08.30                                     |  | dwg no<br><br>75231<br><br>sheet 1 of 1<br><br>size<br>A3                                               |  |  |  |  |  |  |  |     |  |
|                            |  |                |  |                       |  |                              |  | appd                                                                                                |  | P NZ                      |  | 05.08.30                                     |  |                                                                                                         |  |  |  |  |  |  |  |     |  |
| sheet index                |  | revision sheet |  |                       |  |                              |  |                                                                                                     |  |                           |  |                                              |  | type<br>CUSTOMER Drawing                                                                                |  |  |  |  |  |  |  |     |  |
|                            |  |                |  |                       |  |                              |  |                                                                                                     |  |                           |  |                                              |  |                                                                                                         |  |  |  |  |  |  |  |     |  |