

Marquage st codification commerciale  
Marking according to commercial codification

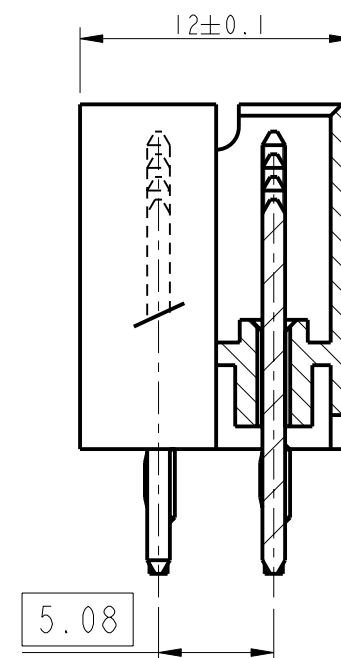
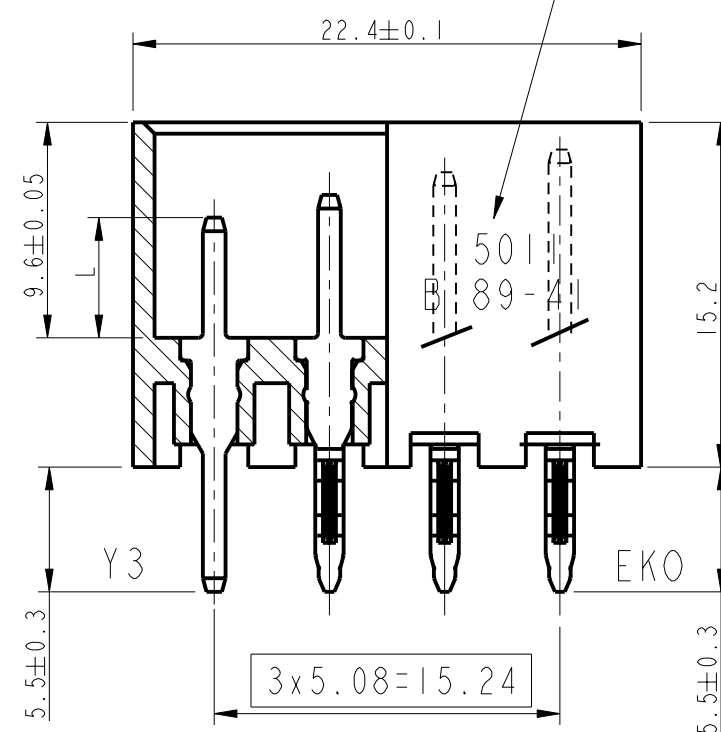
SECTION B-B

General Data  
- In accordance with DGN08939-J and DIN 41612  
- Ends:- Pressfit for 1.37/1.54mm holes in PCB with thickness 2.4-3.2mm  
- straight pins for 1.6 to 1.8mm holes in PCB  
- Special breaking contact implantation refer drawing.

Technical Data:  
Electrical  
1. Initial contact resistance <10mΩ  
2. Insulation resistance after test >10<sup>3</sup>MΩ  
3. Withstanding voltage: >1000Vrms mini  
measured between 1 contact and all others  
4. Operating Voltage: 250Vac  
5. Operating current: 15A at 20°C

Mechanical  
1. Insertion force (each contact) <4N  
2. Withdrawal force (each contact) >0.625N  
3. Endurance Class1 >500cycles  
Class2 >400cycles  
4. Pressfit Insertion force (each contact) <250N  
5. Pressfit withdrawal force (each contact) >45N

Material  
Body: Fibreglass reinforced thermoplastic UL94 V0  
Contacts: Phosphor bronze(EKO)-Brass(Y3)  
Plating: Gold over Nickel on working area



SECTION A-A  
SCALE 3:1

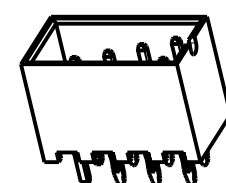
NOTE RoHS INFORMATIONS

- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008
- The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6 mm minimum thick circuit board. See application notes/procedures if they are available.
- Packaging spec: see GS-14-920

Codification commerciale. Modèles standard/ Catalogue numbers for ordering. Standard items : see drawing VJWI0748

| Nb de contacts<br>Nr of contacts                                                                                                          | Equipement<br>Arrangement                                                             | Cote 'L'(mm)<br>'L' Dimension(mm)         | Protection zone contact<br>Plating of contact area          |               |             | Protection zone raccordement<br>Plating of end area           |                                                                | Code du connecteur<br>Connectors number |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|---------------|-------------|---------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------|
| 8                                                                                                                                         |  | L=5.3<br>L=6.3<br>L=7.3<br>L=8.3<br>L=9.3 | 1                                                           | Norme HE 1202 | DIN Class 2 | 3-LF                                                          | Tin over Nickel<br>( Lead Free Version )                       | 501IE38Y3-3-LF                          |
|                                                                                                                                           |                                                                                       |                                           | 2                                                           | Norme HE 1203 | DIN Class 1 | 4-LF                                                          | Nickelé (CIF standard) )<br>Nickel (Standard Plating pressfit) | 501IE38EK0.4-LF                         |
| Autres équipements remplacer- par code<br>implantation(Nous consulter)<br>Other arrangements:replace by<br>implantation code (Consult us) |                                                                                       |                                           | Remplacer: par code protection<br>Replace : by plating code |               |             | Autres protections Nous consulter<br>Other plating consult us |                                                                |                                         |

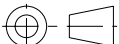
EUROPEAN PROJECTION



SCALE 1:1

|     |                        |
|-----|------------------------|
| IND | DESIGNATION            |
| E   | P/N WITHOUT LF REMOVED |

| litr | ecn no    | dr  | date       |
|------|-----------|-----|------------|
| A    | F03056    | DLE | 03.03.12   |
| B    | S05-0043  | HLE | 05-08-12   |
| C    | LS05-0117 | MRA | 10/01/06   |
| D    | LS06-0123 | PCR | 2006/08/08 |
| E    | LS07-0249 | HLE | 2007/10/08 |
| -    | -         | -   | -          |
| -    | -         | -   | -          |

|                                                                                       |             |          |                                                        |        |                                                                                                        |       |                                                                                                  |           |                                                                                       |              |       |
|---------------------------------------------------------------------------------------|-------------|----------|--------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|--------------|-------|
| www.fciconnect.com                                                                    |             |          | surface - <input checked="" type="checkbox"/> ISO 1302 |        | tolerance std <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 |       | projection  |           |  |              |       |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 |             |          |                                                        |        |                                                                                                        |       |                                                                                                  |           |                                                                                       |              |       |
| Dr                                                                                    | D LEGRAND   | 03.03.12 | ANGULAR                                                | LINEAR | 0.X                                                                                                    | ±0.3  | size A3                                                                                          | Scale 3:1 |                                                                                       |              |       |
| Eng                                                                                   | F TISSERAND | 03.03.12 |                                                        |        | 0.XX                                                                                                   | ±0.1  |                                                                                                  |           |                                                                                       |              |       |
| Chr                                                                                   | JF NOTTEAU  | 03.03.12 |                                                        |        | 0° ±2°                                                                                                 | 0.XXX |                                                                                                  |           |                                                                                       |              | ±0.05 |
| Appr                                                                                  | F TI        | 03.03.12 | Product family                                         |        |                                                                                                        |       | DIN                                                                                              | Spec ref  |                                                                                       |              |       |
|  |             |          | title POWER BASE                                       |        |                                                                                                        |       | dwg no VJWI1982                                                                                  |           |                                                                                       |              | Rev   |
|                                                                                       |             |          | 501IE38EK0.4- VXX14692                                 |        |                                                                                                        |       |                                                                                                  |           |                                                                                       |              | E     |
| catalog no                                                                            |             |          |                                                        |        |                                                                                                        |       | CUSTOMER COPY                                                                                    |           |                                                                                       | sheet 1 of 1 |       |