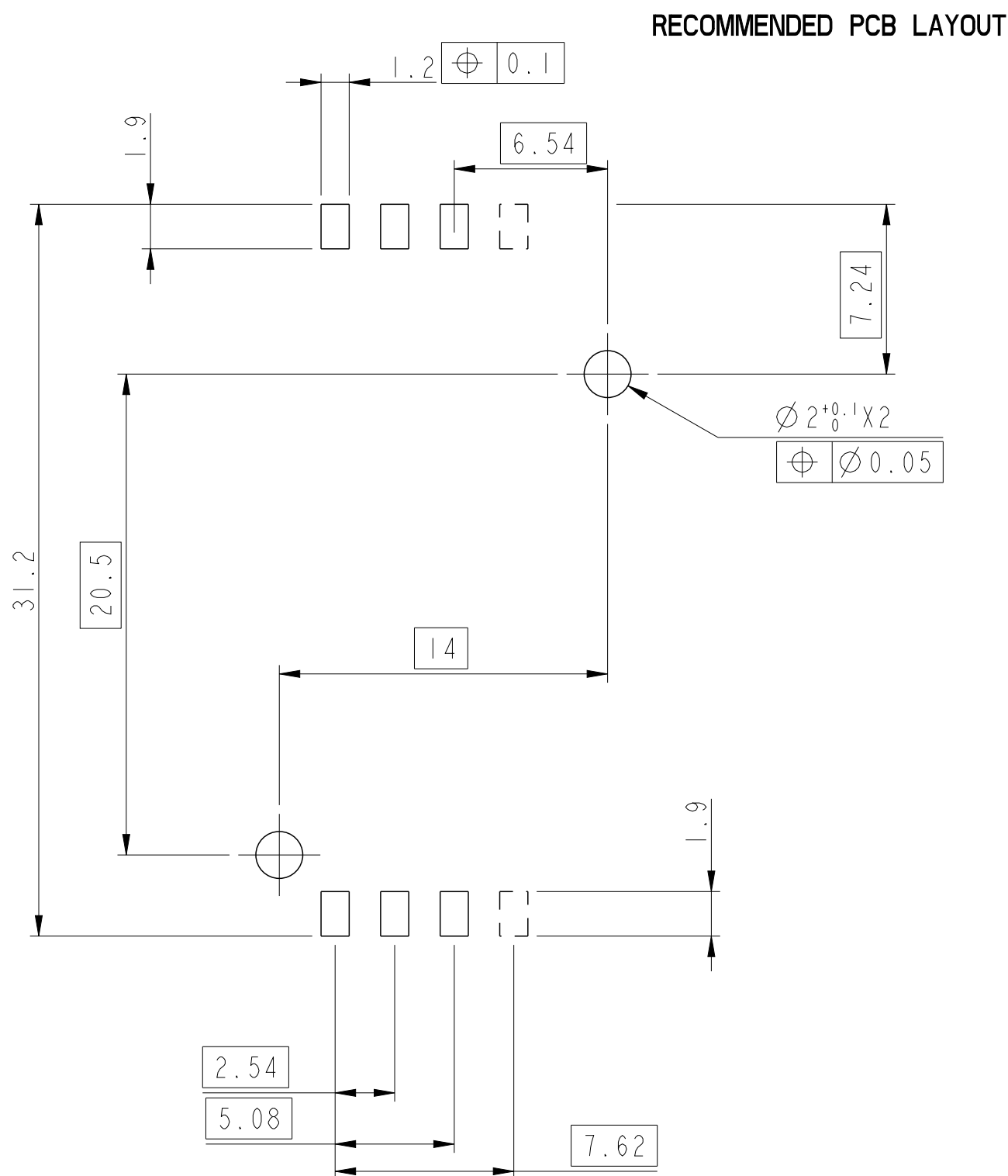






TECHNICALS SPECIFICATION:

Material:

- Plastic parts in High Temp. Thermoplastic, Colour Grey Rated UL 94V0.
- Contacts in copper alloy.
- Plating: Au / Equivalent PdNi over Ni on contact area
- Solder area : Matte Tin over Ni on solder tails

Electrical features:

- Insulation resistance :  $< 1000 \text{ M}\Omega$
- Contact resistance :  $< 100 \text{ m}\Omega$
- Voltage Max :  $> 1000 \text{ Vrms}$
- Current : min  $10 \mu\text{A}$  to max  $1 \text{ A}$

Mechanical features:

- 10 000 cycles
- Contact force : 0.5 N per contact

Environmental features:

- Operating Temperature :  $-40^\circ\text{C}$  a  $+90^\circ\text{C}$
- temperature range :  $-40^\circ\text{C}$  to  $100^\circ\text{C}$

LEAD FREE VERSION:

"This product meets European Union Directives and other country regulations as described in GS-47-0004"

The housing will withstand exposure to  $260^\circ\text{C}$  peak temperature for 10seconds in a convection reflow oven.

|               |                     |         |                      |             |                |            |                                  |                        |              |     |
|---------------|---------------------|---------|----------------------|-------------|----------------|------------|----------------------------------|------------------------|--------------|-----|
| spec ref      | --                  | dr      | P-Matthew Nebu       | 2012/05/08  | projection     | mm         | size                             | A2                     | scale        | 4:1 |
| tolerance std | ISO 406<br>ISO 1101 | eng     | P-Matthew Nebu       | 2013/08/08  | chr            | -          | ecn no                           | ELX-I-15417-2          |              |     |
|               |                     | appr    | K-Paul Biju          | 2013/08/20  | product family | MOBILE I/O | rel level                        | Released               |              |     |
| surface       | ISO 1302            | linear  | 0.X<br>0.XX<br>0.XXX | ±<br>±<br>± | FCI            | title      | ASSY PERFORATED COVER<br>SIM S08 | dwg no                 | VRW11880     | rev |
|               |                     | angular | 0°                   | ±°          | www.fci.com    | cat. no.   | SEE TABLE                        | Product - Customer Drw | sheet 2 of 2 | F   |

PDS: Rev :F

STATUS:Released

Printed: Aug 20, 2013