

| PRODUCT NUMBER | DIM "J"        | DIM "K" |
|----------------|----------------|---------|
| 76314-XXX(LF)  | SEE NEXT SHEET |         |

WHEN NEEDED, SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 5

WHEN SUFFIX "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27 MIN Ni IS SUPPLIED INSTEAD OF SnPb.

# NOTES:

- MATERIAL HOUSING: THERMOPLASTIC POLYESTER 30 % GLASS FILLED, COLOUR BLUE, FLAME RETARDANT PER UL 94-V0
- MATERIAL BOX: BRASS ASTM B36 C26000-H02
- MATERIAL SPRING: BERYLLIUM COPPER ASTM B 194 C 17200-TF 00
- PLATING: SEE NEXT SHEET
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

## a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.

## b - MANUFACTURING PROCESS COMPATIBILITY

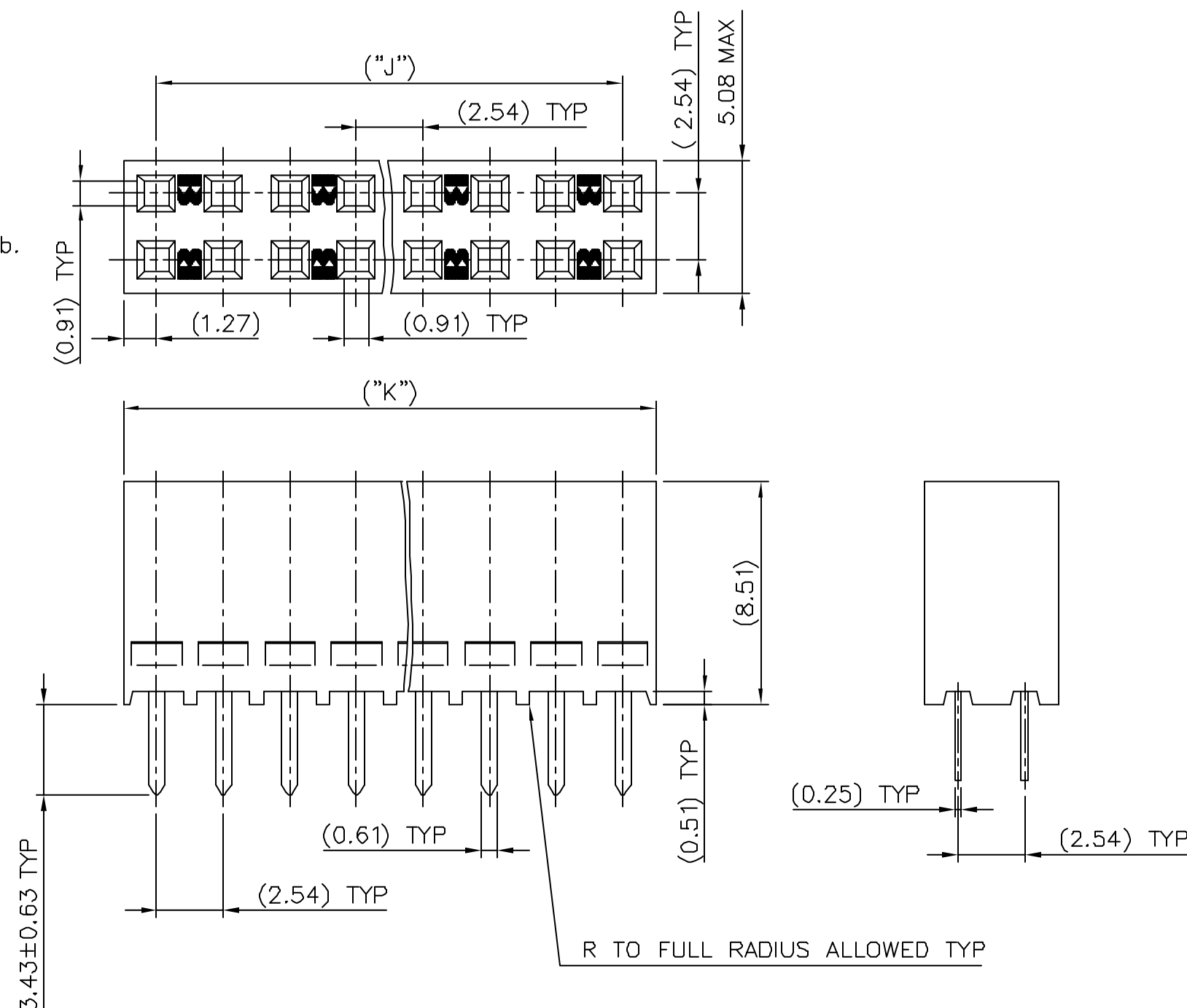
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

## c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

## d - LEGAL STATEMENT: SEE GS-22-008

76314-1XXLF &-2XXLF ARE SIMILAR TO 76314-(1\*2)XX, THE SUFFIX 'LF' IS ADDED FOR LEAD FREE IDENTIFICATION.  
EXCEPT FOR 76314-9XX; 2µm MIN MATTE TIN OVER 1.27µm Ni IS SUPPLIED INSTEAD OF SnPb.



|                          |                |     |          |                                       |                              |                  |                                           |  |  |  |
|--------------------------|----------------|-----|----------|---------------------------------------|------------------------------|------------------|-------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTES |                |     |          | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 101 | projection<br>mm | product family<br>BERGCON                 |  |  |  |
| ltr                      | ecn no         | dr  | date     | tolerances unless otherwise specified |                              | mm               | title<br>V. C. C.<br>DOUBLE ROW .100x.100 |  |  |  |
| C                        | F40751         | PNZ | 94.10.12 | angles                                | linear                       |                  |                                           |  |  |  |
| D                        | F60062         | OMA | 96.01.29 | ±2'                                   |                              | scale 5:1        | dwg no<br>76314                           |  |  |  |
| E                        | V60456         | OMA | 96.03.11 |                                       |                              |                  |                                           |  |  |  |
| F                        | F05-0235       | DLE | 05.08.25 | dr                                    | O. MATHEVON                  | 96.01.29         | sheet 1 of 2                              |  |  |  |
| G                        | F06-0216       | DLE | 06.07.11 | engr                                  | AESCHBACHER                  | 96.01.29         |                                           |  |  |  |
|                          |                |     |          | chr                                   | O. MATHEVON                  | 96.01.29         | size<br>A3                                |  |  |  |
|                          |                |     |          | appd                                  | M. AE                        | 96.01.29         |                                           |  |  |  |
| sheet index              | revision sheet | G   | G        |                                       |                              |                  | type<br>CUSTOMER Drawing                  |  |  |  |
|                          |                | 1   | 2        |                                       |                              |                  |                                           |  |  |  |

1

2

3

4

5

6

PRODUCT NUMBER

NBR OF POS

DIM "J"

DIM "K"

76314-X02(LF)

2x02

(2.54)

(5.08)

76314-X03(LF)

2x03

(5.08)

(7.62)

76314-X04(LF)

2x04

(7.62)

(10.16)

76314-X05(LF)

2x05

(10.16)

(12.70)

76314-X06(LF)

2x06

(12.70)

(15.24)

76314-X07(LF)

2x07

(15.24)

(17.78)

76314-X08(LF)

2x08

(17.78)

(20.32)

76314-X09(LF)

2x09

(20.32)

(22.86)

76314-X10(LF)

2x10

(22.86)

(25.40)

76314-X11(LF)

2x11

(25.40)

(27.94)

76314-X12(LF)

2x12

(27.94)

(30.48)

76314-X13(LF)

2x13

(30.48)

(33.02)

76314-X14(LF)

2x14

(33.02)

(35.56)

76314-X15(LF)

2x15

(35.56)

(38.10)

76314-X16(LF)

2x16

(38.10)

(40.64)

76314-X17(LF)

2x17

(40.64)

(43.18)

76314-X18(LF)

2x18

(43.18)

(45.72)

76314-X19(LF)

2x19

(45.72)

(48.26)

76314-X20(LF)

2x20

(48.26)

(50.80)

76314-X21(LF)

2x21

(50.80)

(53.34)

76314-X22(LF)

2x22

(53.34)

(55.88)

76314-X23(LF)

2x23

(55.88)

(58.42)

76314-X24(LF)

2x24

(58.42)

(60.96)

76314-X25(LF)

2x25

(60.96)

(63.50)

PRODUCT NUMBER

NBR OF POS

DIM "J"

DIM "K"

76314-X26(LF)

2x26

(63.50)

(66.04)

76314-X27(LF)

2x27

(66.04)

(68.58)

76314-X28(LF)

2x28

(68.58)

(71.12)

76314-X29(LF)

2x29

(71.12)

(73.66)

76314-X30(LF)

2x30

(73.66)

(76.20)

76314-X31(LF)

2x31

(76.20)

(78.74)

76314-X32(LF)

2x32

(78.74)

(81.28)

76314-X33(LF)

2x33

(81.28)

(83.82)

76314-X34(LF)

2x34

(83.82)

(86.36)

76314-X35(LF)

2x35

(86.36)

(88.90)

76314-X36(LF)

2x36

(88.90)

(91.44)

76314-X37(LF)

2x37

(91.44)

(93.98)

76314-X38(LF)

2x38

(93.98)

(96.52)

76314-X39(LF)

2x39

(96.52)

(99.06)

76314-X40(LF)

2x40

(99.06)

(101.60)

76314-X41(LF)

2x41

(101.60)

(104.14)

76314-X42(LF)

2x42

(104.14)

(106.68)

76314-X43(LF)

2x43

(106.68)

(109.22)

76314-X44(LF)

2x44

(109.22)

(111.76)

76314-X45(LF)

2x45

(111.76)

(114.30)

76314-X46(LF)

2x46

(114.30)

(116.84)

76314-X47(LF)

2x47

(116.84)

(119.38)

76314-X48(LF)

2x48

(119.38)

(121.92)

76314-X49(LF)

2x49

(121.92)

(124.46)

76314-X50(LF)

2x50

(124.46)

(127.00)

9

5 μm SnPb

1.25 μm SnPb

1.3 μm Ni

2

1.0 μm Au

0.2 μm Au

1.3 μm Ni

1

0.76 μm Au

0.05 μm Au

1.3 μm Ni

PLATING CODE X

PLATING THICKNESS CONTACT AREA

PLATING THICKNESS REMAINDER

THICKNESS UNDER PLATING

mat'l. code

SEE TABLE

surface

ISO 1302

tolerance

ISO 406

ISO 101

projection

product family

BERGCON

ltr

ecn no

dr

date

tolerances

unless

otherwise specified

angles

linear

mm

scale

N/A

title

V. C. C.

DOUBLE ROW .100x.100

F

F05.0235

DLE

05.08.25

dr

O. MATHEVON

96.01.30

engr

AESCHBACHER

96.01.30

chr

O. MATHEVON

96.01.30

appd

M. AE

96.01.30

dwg no

76314

sheet 2 of

size

A3

type

CUSTOMER Drawing

sheet index

revision sheet

4

5

6

form: A3

1

2

3

4

5

6

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PDM: Rev:G

STATUS:Released

Printed: Jun 06, 2009