

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.

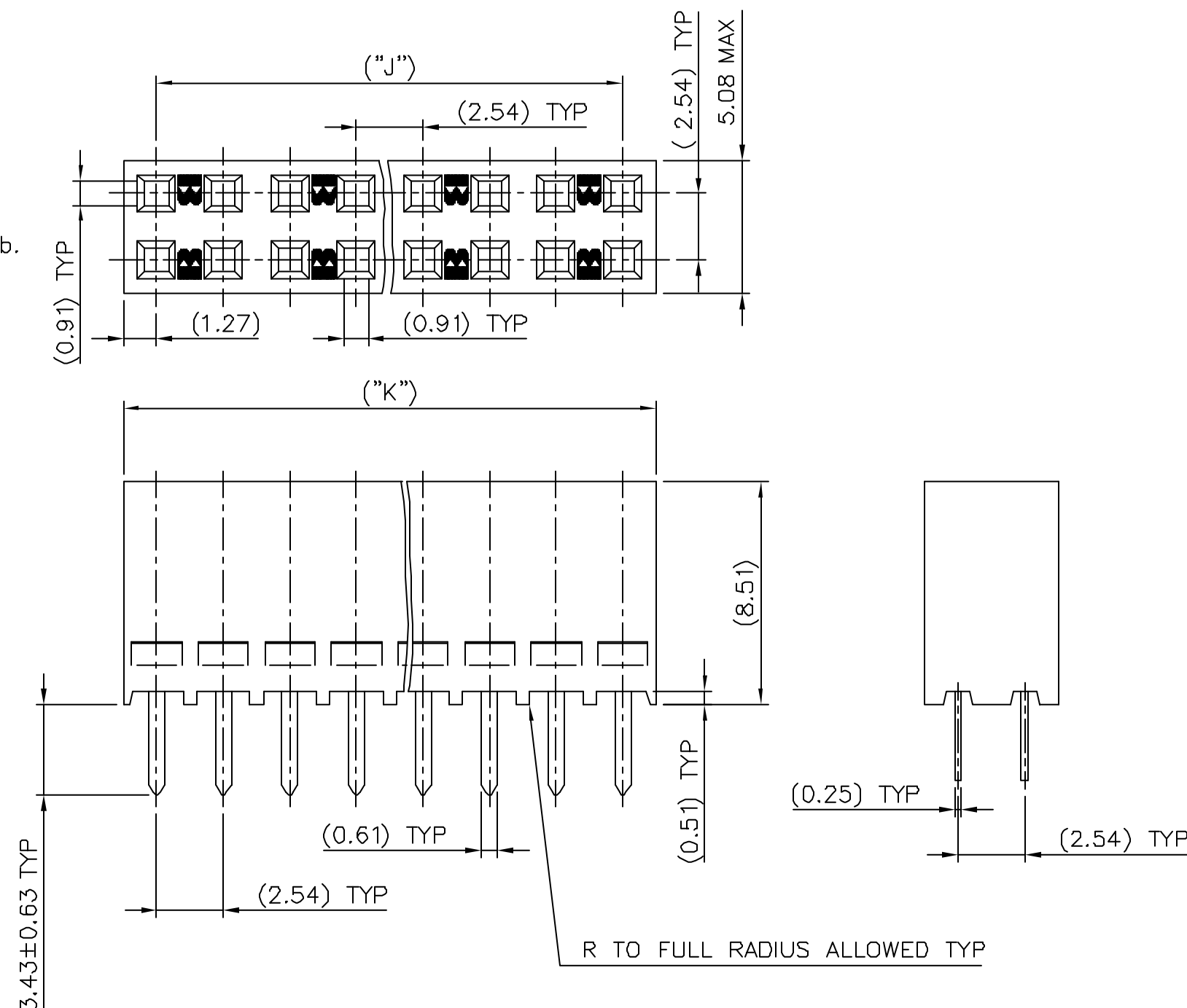
c - LABELING:

- 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 SEE NOTES				surface ISO 1302 ✓	tolerance ISO 406 ISO 101	projection mm	product family BERGCON			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title V. C. C. DOUBLE ROW .100x.100			
C	F40751	PNZ	94.10.12	angles	linear					
D	F60062	OMA	96.01.29	±2'		scale 5:1	dwg no 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 A3			
				appd	M. AE	96.01.29				
sheet index	revision sheet	G	G				type 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

ltr

ecn no

dr

date

surface

ISO 1302

tolerance

ISO 406

ISO 101

projection

product family

BERGCON

title

V. C. C.

DOUBLE ROW .100x.100

dwg no

76314

sheet 2 of

size

A3

type

CUSTOMER Drawing

tolerances unless otherwise specified

angles

Linear

scale N/A

FCJ

sheet index

revision

sheet

dr

04.10.12

OMA

96.01.30

OMA

96.03.11

DLE

05.08.25

DLE

06.07.11

dr

O. MATHEVON

96.01.30

engr

AESCHBACHER

96.01.30

chr

O. MATHEVON

96.01.30

appd

M. AE

96.01.30

Copyright FCJ

FCJconnect.com

form: A3

PDM: Rev:G

STATUS:Released

Printed: Jun 06, 2009