

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.

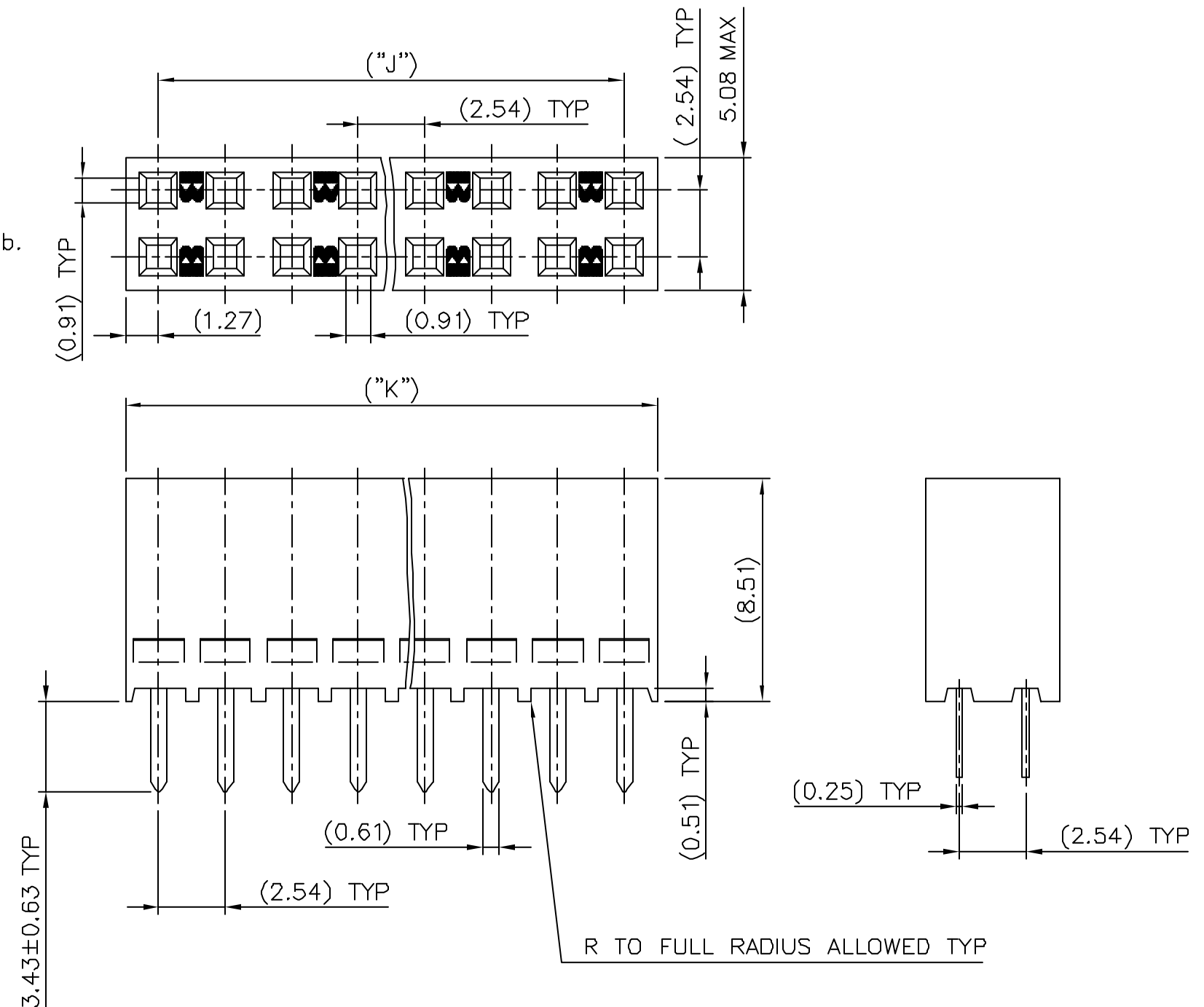
c - LABELING:

- 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 1101	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

C

F40751

PNZ

94.10.12

D

F60062

OMA

96.01.30

E

V60456

OMA

96.03.11

F

F05.0235

DLE

05.08.25

G

F06-0216

DLE

06.07.11

surface

ISO 1302

tolerance

ISO 406

ISO 101

ISO 1302

tolerance

ISO 406

ISO 101

projection

mm

scale N/A

product family

BERGCON

title

V. C. C.

DOUBLE ROW .100x.100

dwg no

76314

sheet 2 of

size

A3

type

CUSTOMER Drawing

sheet index

revision sheet

sheet index

revision sheet

Copyright FCJ

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FCJ

form: A3

PDM: Rev:G

STATUS:Released

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