

PRODUCT NUMBER	DIM "J"	DIM "K"
76308-XXX(LF)	SEE SHEET 2/2	

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

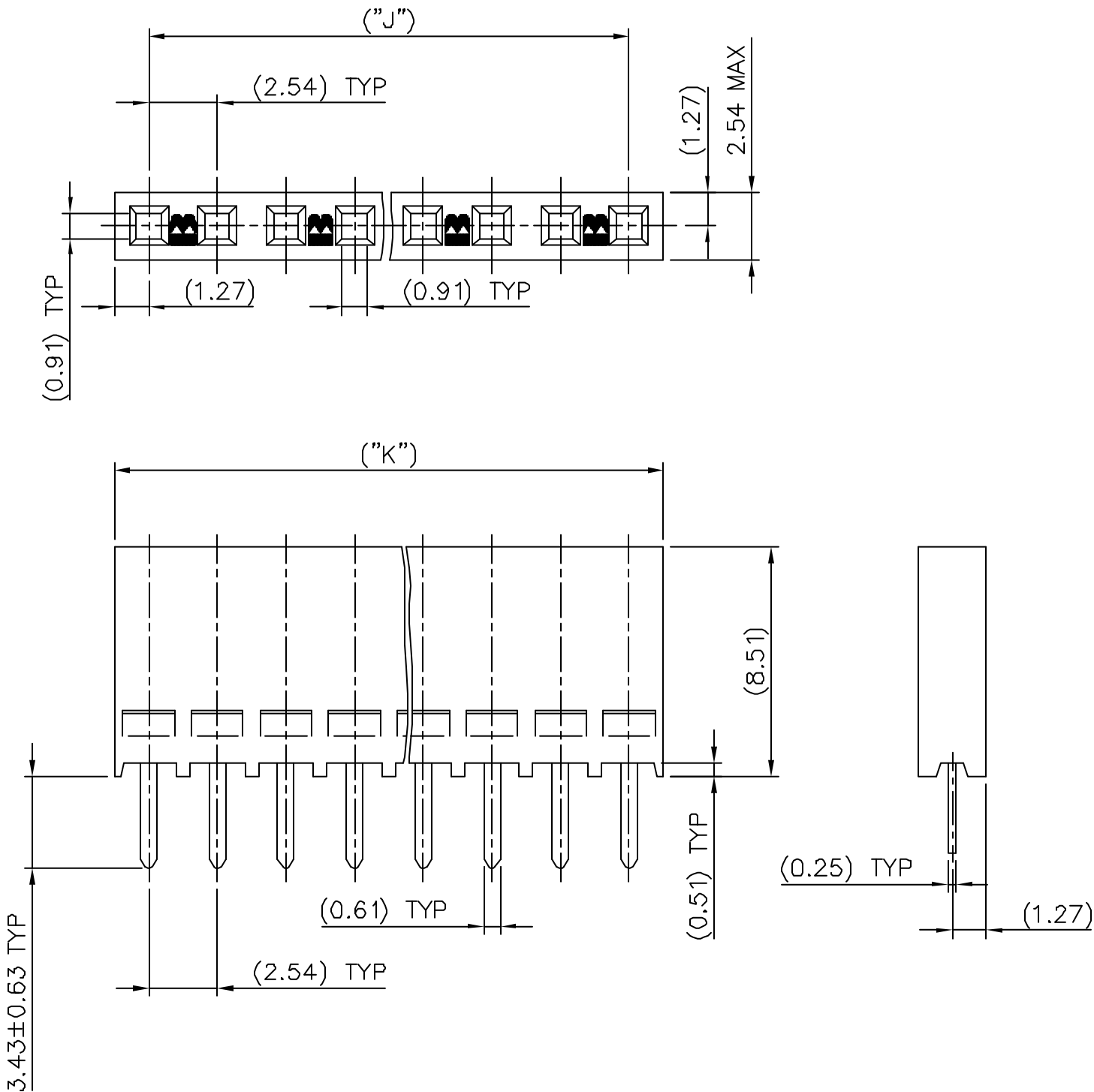
WHEN SUFFIX "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27 MIN Ni IS SUPPLIED INSTEAD OF SnPb.

NOTES:

- 1 MATERIAL HOUSING: THERMOPLASTIC POLYESTER
30 % GLASS FILLED, COLOUR BLUE, FLAME RETARDANT
PER UL 94-V0.
- 2 MATERIAL BOX: BRASS ASTM B 36 C 26000-H02
- 3 MATERIAL SPRING: BERYLLIUM COPPER ASTM B 194
C 17200-TF 00.
- 4 PLATING: SEE NEXT SHEET
- 5 - 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

76308-1XXLF &-2XXLF ARE SIMILAR TO 76308-(1*2)XX, THE SUFFIX 'LF'
IS ADDED FOR LEAD FREE IDENTIFICATION.

EXCEPT FOR 76308-9XX; 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. SINGLE ROW .100			
M	F06-0216	DLE	06.07.03	angles	linear					
G	V60456	OMA	96.03.11	±2'		scale 5:1	dwg no 76308			
H	F80325	PNZ	98.05.06	dr	O. MATHEVON	96.01.29				
J	F10568	DLE	01.10.25	engr	AESCHBACHER	96.01.29	sheet 1 of 2			
K	F05.0235	DLE	05.08.25	chr	O. MATHEVON	96.01.29				
L	F05-0282	DLE	05.11.03	appd	M. AE	96.01.29	size A3			
sheet index		revision	M	L						
		sheet	1	2			type CUSTOMER Drawing			

1

2

3

4

5

6

PRODUCT NUMBER

NBR OF POS

DIM "J"

DIM "K"

76308-X02(LF)

1x02

(2.54)

(5.08)

76308-X03(LF)

1x03

(5.08)

(7.62)

76308-X04(LF)

1x04

(7.62)

(10.16)

76308-X05(LF)

1x05

(10.16)

(12.70)

76308-X06(LF)

1x06

(12.70)

(15.24)

76308-X07(LF)

1x07

(15.24)

(17.78)

76308-X08(LF)

1x08

(17.78)

(20.32)

76308-X09(LF)

1x09

(20.32)

(22.86)

76308-X10(LF)

1x10

(22.86)

(25.40)

76308-X11(LF)

1x11

(25.40)

(27.94)

76308-X12(LF)

1x12

(27.94)

(30.48)

76308-X13(LF)

1x13

(30.48)

(33.02)

76308-X14(LF)

1x14

(33.02)

(35.56)

76308-X15(LF)

1x15

(35.56)

(38.10)

76308-X16(LF)

1x16

(38.10)

(40.64)

76308-X17(LF)

1x17

(40.64)

(43.18)

76308-X18(LF)

1x18

(43.18)

(45.72)

76308-X19(LF)

1x19

(45.72)

(48.26)

76308-X20(LF)

1x20

(48.26)

(50.80)

76308-X21(LF)

1x21

(50.80)

(53.34)

76308-X22(LF)

1x22

(53.34)

(55.88)

76308-X23(LF)

1x23

(55.88)

(58.42)

76308-X24(LF)

1x24

(58.42)

(60.96)

76308-X25(LF)

1x25

(60.96)

(63.50)

76308-X26(LF)

1x26

(63.50)

(66.04)

76308-X27(LF)

1x27

(66.04)

(68.58)

76308-X28(LF)

1x28

(68.58)

(71.12)

76308-X29(LF)

1x29

(71.12)

(73.66)

76308-X30(LF)

1x30

(73.66)

(76.20)

PRODUCT NUMBER

NBR OF POS

DIM "J"

DIM "K"

76308-X31(LF)

1x31

(76.20)

(78.74)

76308-X32(LF)

1x32

(78.74)

(81.28)

76308-X33(LF)

1x33

(81.28)

(83.82)

76308-X34(LF)

1x34

(83.82)

(86.36)

76308-X35(LF)

1x35

(86.36)

(88.90)

76308-X36(LF)

1x36

(88.90)

(91.44)

76308-X37(LF)

1x37

(91.44)

(93.98)

76308-X38(LF)

1x38

(93.98)

(96.52)

76308-X39(LF)

1x39

(96.52)

(99.06)

76308-X40(LF)

1x40

(99.06)

(101.60)

76308-X41(LF)

1x41

(101.60)

(104.14)

76308-X42(LF)

1x42

(104.14)

(106.68)

76308-X43(LF)

1x43

(106.68)

(109.22)

76308-X44(LF)

1x44

(109.22)

(111.76)

76308-X45(LF)

1x45

(111.76)

(114.30)

76308-X46(LF)

1x46

(114.30)

(116.84)

76308-X47(LF)

1x47

(116.84)

(119.38)

76308-X48(LF)

1x48

(119.38)

(121.92)

76308-X49(LF)

1x49

(121.92)

(124.46)

76308-X50(LF)

1x50

(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 na

dr

date

tolerances unless otherwise specified

angles

Linear

mm

scale N/A

title

V. C. C.

SINGLE ROW .100

H

FB0325

PNZ

98.05.06

dr

O. MATHEVON

96.01.30

J

F05-0235

DLE

05.08.25

engr

AESCHBACHER

96.01.30

K

F05-0282

DLE

05.11.03

chr

O. MATHEVON

96.01.30

L

F06-0216

DLE

076.07.11

appd

M. AE

96.01.30

sheet index

revision sheet

dwg no

76308

sheet 2 of

size

A3

type

CUSTOMER Drawing

Copyright FCJ

FCJconnect.com

form: A3

PDM: Rev:M

STATUS:Released

Printed: Jun 06, 2009

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[76308-102LF](#) [76308-103LF](#) [76308-105LF](#) [76308-107LF](#) [76308-110LF](#) [76308-111LF](#) [76308-112LF](#) [76308-116LF](#)
[76308-120LF](#) [76308-125LF](#) [76308-204LF](#) [76308-205LF](#) [76308-206LF](#) [76308-208LF](#) [76308-210LF](#) [76308-108LF](#)
[76308-104LF](#) [76308-106LF](#) [76308-209LF](#) [76308-214](#)