

| | | |
|----------------|---------------|---------|
| 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.

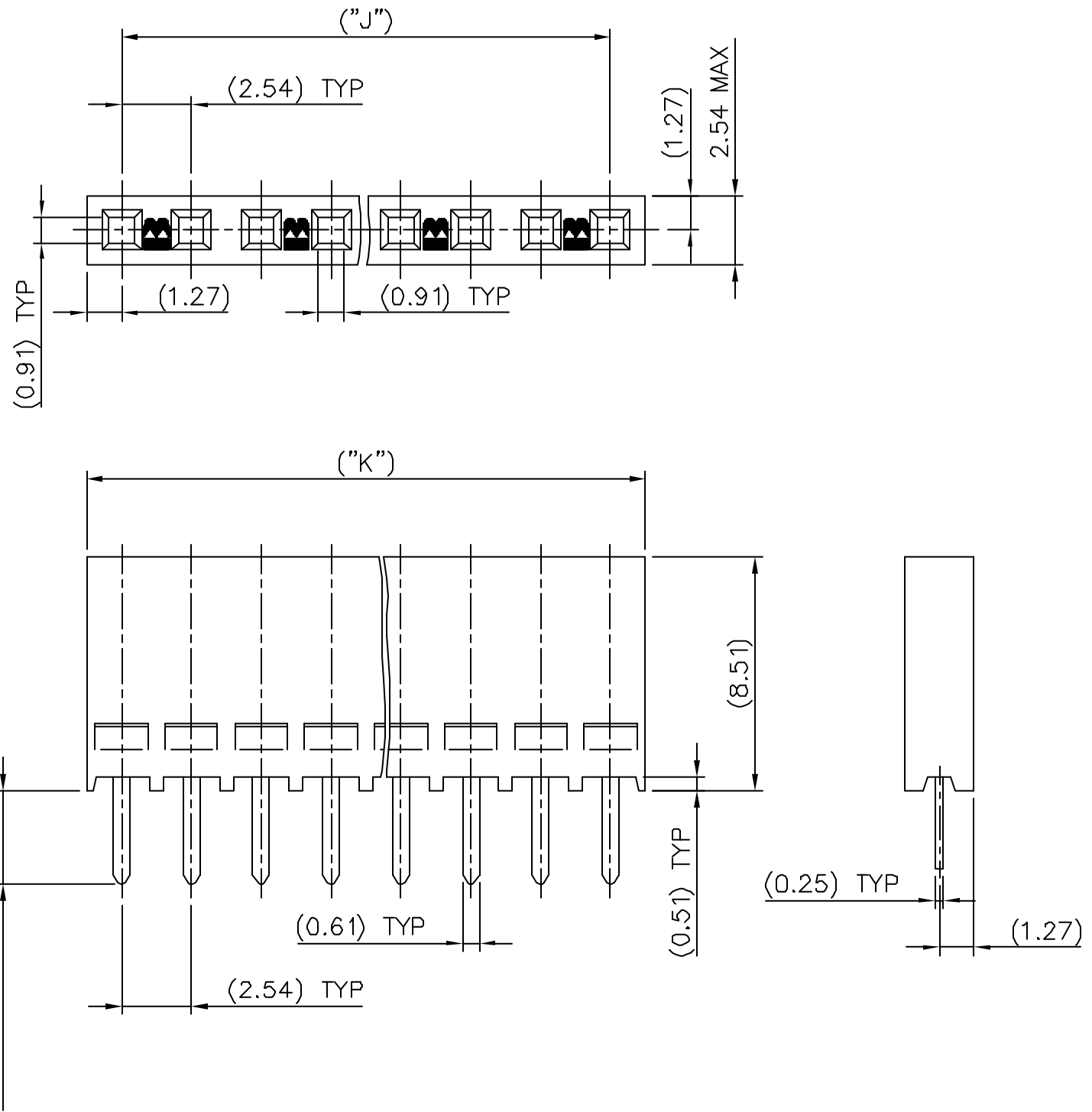
c - LABELING:

- 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 | | surface | | tolerance | | projection | | product family | |
| SEE NOTES | | ISO 1302 ✓ | | ISO 406 ISO 1101 | | mm | | BERGCON | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | | title | |
| M | 06-0216 | DLE | 06.07.03 | ±0.13 | | | | V. C. C. SINGLE ROW .100 | |
| G | V60456 | OMA | 98.03.11 | ±2' | | scale 5:1 | | dwg no | |
| H | F80325 | PNZ | 98.05.06 | dr | O. MATHEVON | 96.01.29 | sheet 1 of 2 | | size |
| J | F10568 | DLE | 01.10.25 | enfr | AESCHBACHER | 96.01.29 | 76308 | | A3 |
| K | F05.0235 | DLE | 05.08.25 | chr | O. MATHEVON | 96.01.29 | type | | CUSTOMER Drawing |
| L | F05-0282 | DLE | 05.11.03 | appd | M. AE | 96.01.29 | | | |
| sheet | revision | M | L | | | | | | |
| index | sheet | 1 | 2 | | | | | | |



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| 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 no | dr | date | tolerances unless otherwise specified | | Linear | | mm | | title | | | |
| E | V41799 | PNZ | 94.12.07 | angles | | | | | | V. C. C. | | | |
| F | F60062 | OMA | 96.01.30 | | | | | | | SINGLE ROW .100 | | | |
| G | V60456 | OMA | 96.03.11 | | | | | scale N/A | | dwg no | | | |
| H | FB0325 | PNZ | 98.05.06 | dr | O. MATHEVON | 96.01.30 | | | | | sheet 2 of | | |
| J | F05-0235 | DLE | 05.08.25 | enr | AESCHBACHER | 96.01.30 | | | | | size | | |
| K | F05-0282 | DLE | 05.11.03 | chr | O. MATHEVON | 96.01.30 | | | | | A3 | | |
| L | F06-0216 | DLE | 076.07.11 | appd | M. AE | 96.01.30 | | | | | type | | |
| sheet index | | revision sheet | | | | | | | | | | | |



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