

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.

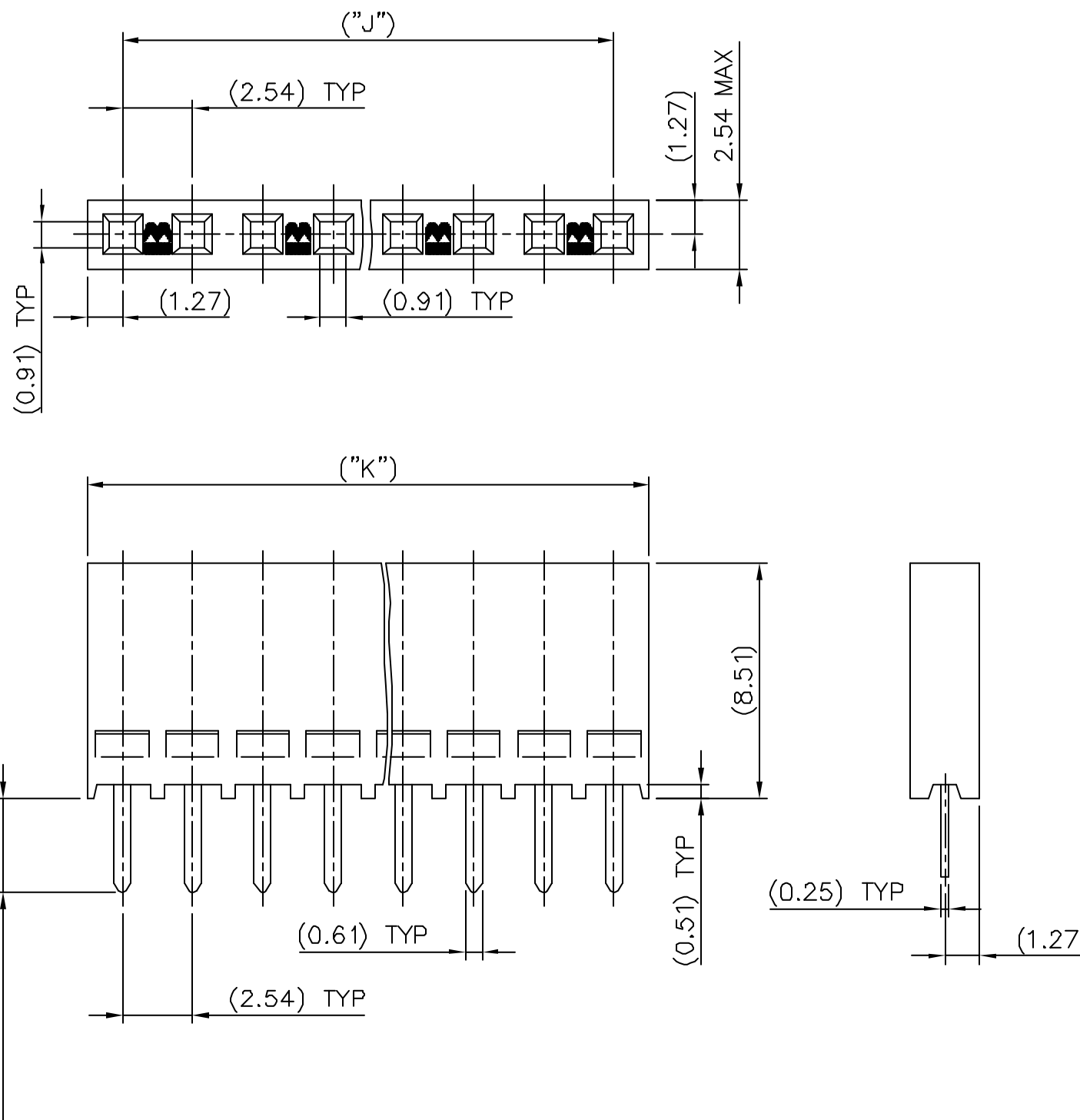
**c - LABELING:**

- 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		mm		title	
M	06-0216	DLE	06.07.03	±0.13		mm		V. C. C.	
G	V60456	OMA	98.03.11	angles		scale 5:1		SINGLE ROW .100	
H	F80325	PNZ	98.05.06	linear		FCJ		dwg no	
J	F10568	DLE	01.10.25	dr		O. MATHEVON		sheet 1 of 2	
K	F05.0235	DLE	05.08.25	engr		AESCHEBACHER		size	
L	F05-0282	DLE	05.11.03	chr		O. MATHEVON		A3	
sheet index		revision		M		L		type	
1		sheet		1		2		CUSTOMER Drawing	

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 <input checked="" type="checkbox"/>	tolerance ISO 406 ISO 101 <input checked="" type="checkbox"/>	projection	product family BERGCON
ltr	ecn no	dr	date	tolerances unless otherwise specified			title V. C. C. SINGLE ROW .100
E	V41799	PNZ	94.12.07	angles	Linear		
F	F60062	OMA	96.01.30			scale N/A	dwg no 76308 sheet 2 of size A3
G	V60456	OMA	96.03.11				
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						type CUSTOMER Drawing

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