

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.

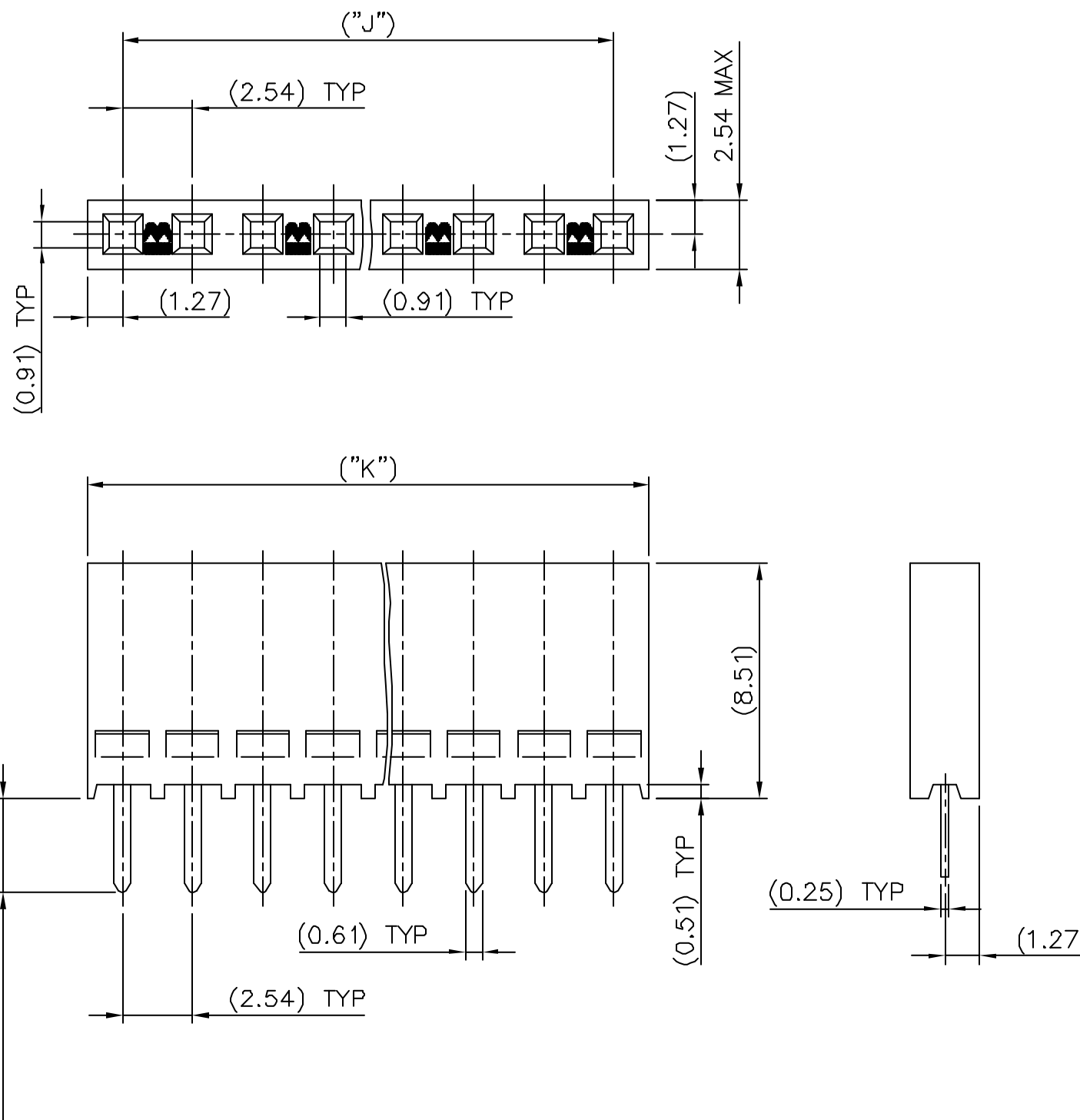
c - LABELING:

- 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. 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	
J	F10568	DLE	01.10.25	engr	AESCHBACHER	96.01.29		size	
K	F05.0235	DLE	05.08.25	chr	O. MATHEVON	96.01.29		76308	
L	F05-0282	DLE	05.11.03	appd	M. AE	96.01.29		A3	
sheet	revision	M	L					type	
index	sheet	1	2					CUSTOMER Drawing	



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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	engr	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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