

PRODUCT NUMBER	DIM "J"	DIM "K"
76314-XYLF	SEE SHEET 2/2	

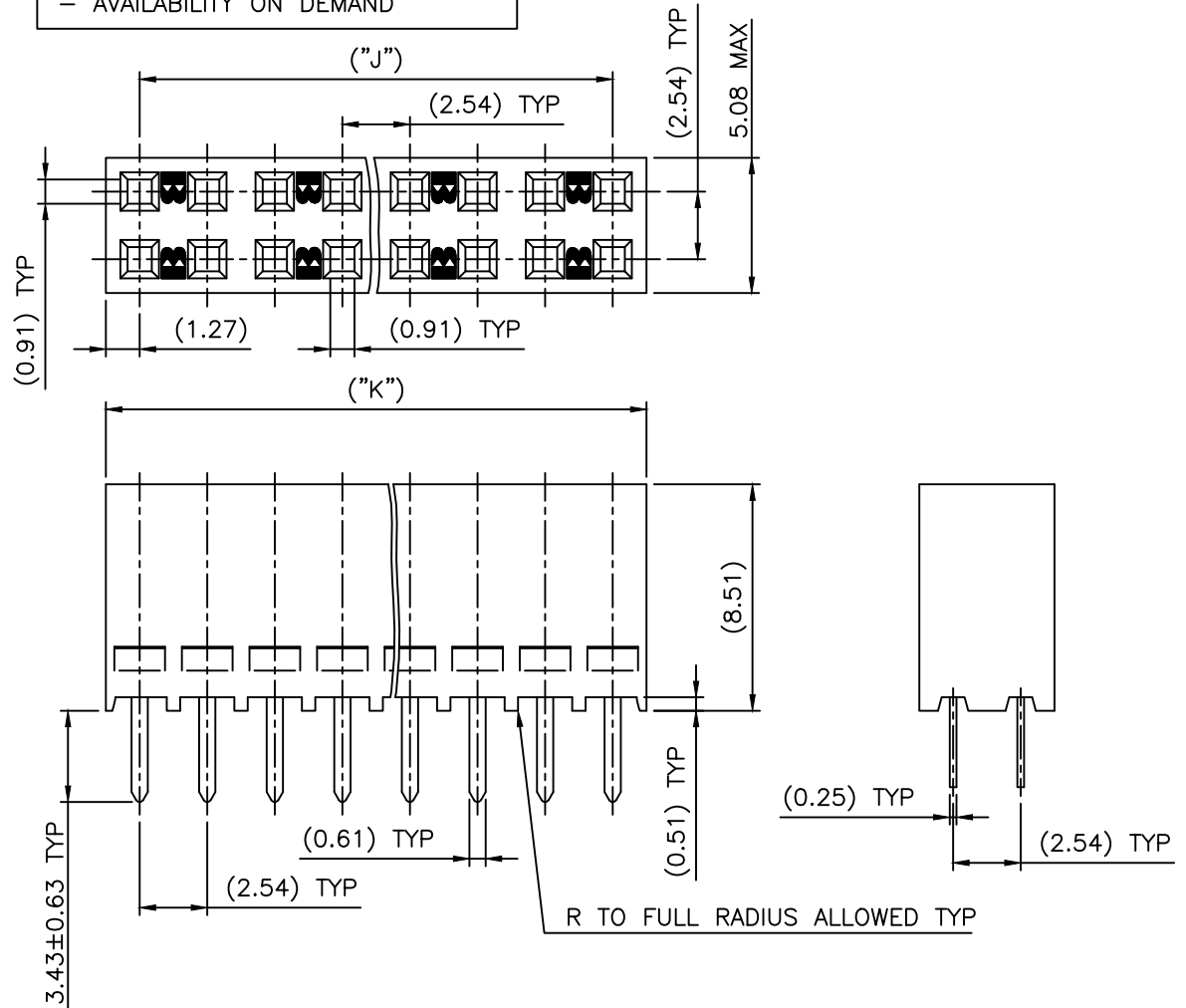
"LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 4

TOTAL NUMBER OF POSITIONS

PLATING (AS AVAILABLE) SEE TABLE ON SHEET 2

EXTENDED RANGE

- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND



NOTES:

- MATERIAL HOUSING: THERMOPLASTIC POLYESTER 30 % GLASS FILLED, COLOUR BLUE, FLAME RETARDANT PER UL 94-V0
- MATERIAL BOX: BRASS ASTM B 36 C 26000-H02
- MATERIAL SPRING: BERYLLIUM COPPER ASTM B 194 C 17200-TF 00
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - 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.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-22-008
- THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
- UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.

mat'l. code				surface	tolerance	projection	product family
SEE NOTES				ISO 1302	ISO 406	ISO 1101	BERGCON
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title
C	F40751	PNZ	94.10.12	angles	linear		
D	F60062	OMA	96.01.29				V. C. C.
E	V60456	OMA	96.03.11	±2°		scale 5:1	DOUBLE ROW .100x.100
F	F05-0235	DLE	05.08.25	dr	O. MATHEVON	96.01.29	dwg no
G	F06-0216	DLE	06.07.11	engr	M.AESCHBACHER	96.01.29	sheet 1 of 2
H	F-55091	DDE	25.03.24	chr	O. MATHEVON	96.01.29	size
				appd	M.AESCHBACHER	96.01.29	A3
sheet	revision	H	H				type
index	sheet	1	2				CUSTOMER Drawing

PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"
76314-X02LF	2x02	(2.54)	(5.08)
76314-X03LF	2x03	(5.08)	(7.62)
76314-X04LF	2x04	(7.62)	(10.16)
76314-X05LF	2x05	(10.16)	(12.70)
76314-X06LF	2x06	(12.70)	(15.24)
76314-X07LF	2x07	(15.24)	(17.78)
76314-X08LF	2x08	(17.78)	(20.32)
76314-X09LF	2x09	(20.32)	(22.86)
76314-X10LF	2x10	(22.86)	(25.40)
76314-X11LF	2x11	(25.40)	(27.94)
76314-X12LF	2x12	(27.94)	(30.48)
76314-X13LF	2x13	(30.48)	(33.02)
76314-X14LF	2x14	(33.02)	(35.56)
76314-X15LF	2x15	(35.56)	(38.10)
76314-X16LF	2x16	(38.10)	(40.64)
76314-X17LF	2x17	(40.64)	(43.18)
76314-X18LF	2x18	(43.18)	(45.72)
76314-X19LF	2x19	(45.72)	(48.26)
76314-X20LF	2x20	(48.26)	(50.80)
76314-X21LF	2x21	(50.80)	(53.34)
76314-X22LF	2x22	(53.34)	(55.88)
76314-X23LF	2x23	(55.88)	(58.42)
76314-X24LF	2x24	(58.42)	(60.96)
76314-X25LF	2x25	(60.96)	(63.50)
76314-X26LF	2x26	(63.50)	(66.04)

PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"
76314-X27LF	2x27	(66.04)	(68.58)
76314-X28LF	2x28	(68.58)	(71.12)
76314-X29LF	2x29	(71.12)	(73.66)
76314-X30LF	2x30	(73.66)	(76.20)
76314-X31LF	2x31	(76.20)	(78.74)
76314-X32LF	2x32	(78.74)	(81.28)
76314-X33LF	2x33	(81.28)	(83.82)
76314-X34LF	2x34	(83.82)	(86.36)
76314-X35LF	2x35	(86.36)	(88.90)
76314-X36LF	2x36	(88.90)	(91.44)
76314-X37LF	2x37	(91.44)	(93.98)
76314-X38LF	2x38	(93.98)	(96.52)
76314-X39LF	2x39	(96.52)	(99.06)
76314-X40LF	2x40	(99.06)	(101.60)
76314-X41LF	2x41	(101.60)	(104.14)
76314-X42LF	2x42	(104.14)	(106.68)
76314-X43LF	2x43	(106.68)	(109.22)
76314-X44LF	2x44	(109.22)	(111.76)
76314-X45LF	2x45	(111.76)	(114.30)
76314-X46LF	2x46	(114.30)	(116.84)
76314-X47LF	2x47	(116.84)	(119.38)
76314-X48LF	2x48	(119.38)	(121.92)
76314-X49LF	2x49	(121.92)	(124.46)
76314-X50LF	2x50	(124.46)	(127.00)

9	2-7.5 µm Sn MATTE	2-7.5 µm Sn MATTE	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 UNDERPLATING

mat'l. code		surface	tolerance	projection	product family
SEE NOTES		ISO 1302 <input checked="" type="checkbox"/>	ISO 406 ISO 1101		BERGCON
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
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E	V60456	OMA	96.03.11	scale 5:1	dwg no
F	F05-0235	DLE	05.08.25	dr	sheet 2 of 2 size
G	F06-0216	DLE	06.07.11	engr	76314 A3
H	F-55091	DDE	25.03.24	chr	type CUSTOMER Drawing
				appd	
sheet index	revision sheet				

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