

PRODUCT NUMBER	DIM "J"	DIM "K"
76308-XYLF	SEE SHEET 2/2	

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

NUMBER OF POSITIONS PER ROW

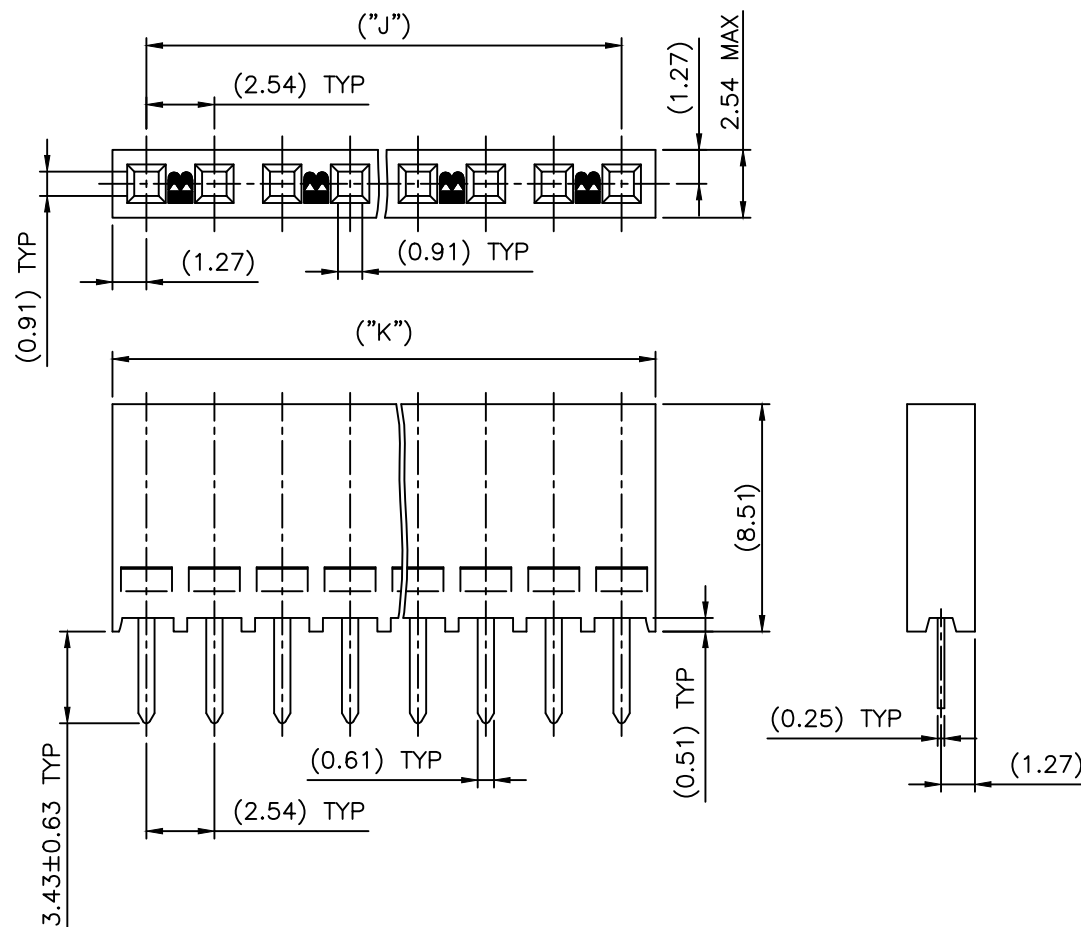
PLATING
(AS AVAILABLE)
SEE TABLE ON SHEET 2

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 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					
N	F-47097	TJA	23.01.24				dwg no 76308			
P	F-55087	DDE	25.03.21	±2°		scale 5:1				
		dr		O. MATHEVON	96.01.29	Amphenol FCI	sheet 1 of 2 size A3			
J	F10568	DLE	01.10.25	engr	M.AESCHBACHER	96.01.29				
K	F05-0235	DLE	05.08.25	chr	O. MATHEVON	96.01.29				
L	F05-0282	DLE	05.11.03	appd	M.AESCHBACHER	96.01.29				
sheet	revision	P	N				type CUSTOMER Drawing			
index	sheet	1	2							

A

B

C

D

A

B

C

D

PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"
76308-X02LF	1x02	(2.54)	(5.08)
76308-X03LF	1x03	(5.08)	(7.62)
76308-X04LF	1x04	(7.62)	(10.16)
76308-X05LF	1x05	(10.16)	(12.70)
76308-X06LF	1x06	(12.70)	(15.24)
76308-X07LF	1x07	(15.24)	(17.78)
76308-X08LF	1x08	(17.78)	(20.32)
76308-X09LF	1x09	(20.32)	(22.86)
76308-X10LF	1x10	(22.86)	(25.40)
76308-X11LF	1x11	(25.40)	(27.94)
76308-X12LF	1x12	(27.94)	(30.48)
76308-X13LF	1x13	(30.48)	(33.02)
76308-X14LF	1x14	(33.02)	(35.56)
76308-X15LF	1x15	(35.56)	(38.10)
76308-X16LF	1x16	(38.10)	(40.64)
76308-X17LF	1x17	(40.64)	(43.18)
76308-X18LF	1x18	(43.18)	(45.72)
76308-X19LF	1x19	(45.72)	(48.26)
76308-X20LF	1x20	(48.26)	(50.80)
76308-X21LF	1x21	(50.80)	(53.34)
76308-X22LF	1x22	(53.34)	(55.88)
76308-X23LF	1x23	(55.88)	(58.42)
76308-X24LF	1x24	(58.42)	(60.96)
76308-X25LF	1x25	(60.96)	(63.50)
76308-X26LF	1x26	(63.50)	(66.04)
76308-X27LF	1x27	(66.04)	(68.58)
76308-X28LF	1x28	(68.58)	(71.12)
76308-X29LF	1x29	(71.12)	(73.66)
76308-X30LF	1x30	(73.66)	(76.20)

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

PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"
76308-X31LF	1x31	(76.20)	(78.74)
76308-X32LF	1x32	(78.74)	(81.28)
76308-X33LF	1x33	(81.28)	(83.82)
76308-X34LF	1x34	(83.82)	(86.36)
76308-X35LF	1x35	(86.36)	(88.90)
76308-X36LF	1x36	(88.90)	(91.44)
76308-X37LF	1x37	(91.44)	(93.98)
76308-X38LF	1x38	(93.98)	(96.52)
76308-X39LF	1x39	(96.52)	(99.06)
76308-X40LF	1x40	(99.06)	(101.60)
76308-X41LF	1x41	(101.60)	(104.14)
76308-X42LF	1x42	(104.14)	(106.68)
76308-X43LF	1x43	(106.68)	(109.22)
76308-X44LF	1x44	(109.22)	(111.76)
76308-X45LF	1x45	(111.76)	(114.30)
76308-X46LF	1x46	(114.30)	(116.84)
76308-X47LF	1x47	(116.84)	(119.38)
76308-X48LF	1x48	(119.38)	(121.92)
76308-X49LF	1x49	(121.92)	(124.46)
76308-X50LF	1x50	(124.46)	(127.00)

mat'l. code SEE NOTES				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGCON			
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		linear		title V. C. C. SINGLE ROW .100			
M	F-47097	TJA	23.01.24					±0.13		mm			
N	F-55087	DDE	25.03.21							scale 5:1			
H	F80325	PNZ	98.05.06	dr	O. MATHEVON	96.01.29		Amphenol FCi		dwg no			
J	F05-0235	DLE	05.08.25	engr	M.AESCHBACHER	96.01.29				sheet 2 of 2			
K	F05-0282	DLE	05.11.03	chr	O. MATHEVON	96.01.29				size			
L	F06-0216	DLE	07.07.11	appd	M.AESCHBACHER	96.01.29				A3			
sheet index		revision sheet								type CUSTOMER Drawing			

