

PRODUCT NUMBER	DIM "J"	DIM "K"
76314-XXX(LF)	SEE NEXT SHEET	

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 B36 C26000-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.

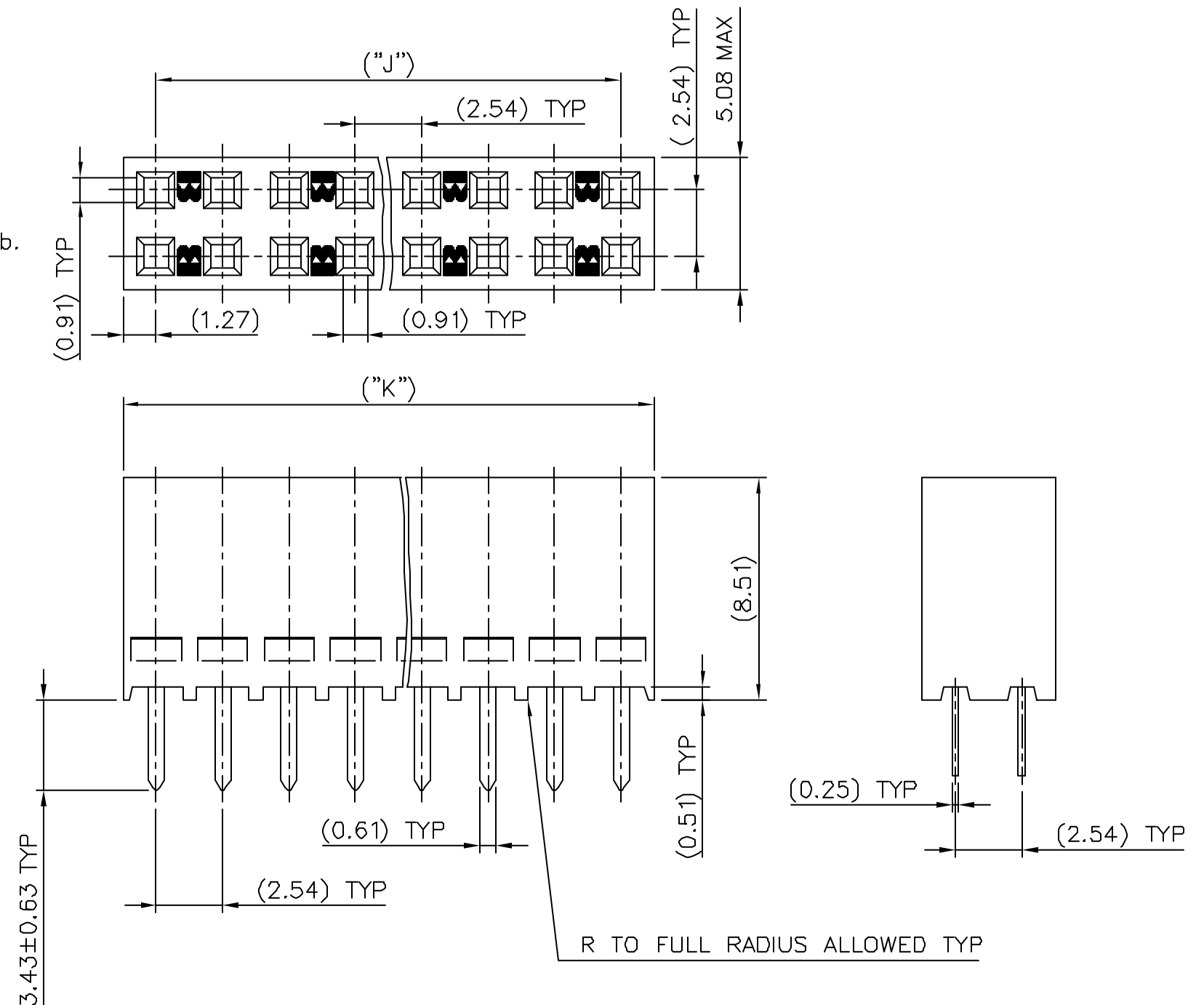
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008

76314-1XXLF &-2XXLF ARE SIMILAR TO 76314-(1*2)XX, THE SUFFIX 'LF' IS ADDED FOR LEAD FREE IDENTIFICATION.

EXCEPT FOR 76314-9XX; 2µm MIN MATTE TIN OVER 1.27µm Ni IS SUPPLIED INSTEAD OF SnPb.



mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406	projection ISO 101	product family BERGCON			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title V. C. C. DOUBLE ROW .100x.100			
C	F40751	PNZ	94.10.12	angles	linear					
D	F60062	OMA	96.01.29	±2'		scale 5:1	dwg no 76314			
E	V60456	OMA	96.03.11							
F	F05-0235	DLE	05.08.25	dr	O. MATHEVON	96.01.29	sheet 1 of 2			
G	F06-0216	DLE	06.07.11	engr	AESCHBACHER	96.01.29				
				chr	O. MATHEVON	96.01.29	size A3			
				appd	M. AE	96.01.29				
sheet index	revision sheet	G	G				type CUSTOMER Drawing			
		1	2							

1				2				3				4				5				6																																																																																																																																																																																																																							
<table><tr><td>PRODUCT NUMBER</td><td>NBR OF POS</td><td>DIM "J"</td><td>DIM "K"</td></tr><tr><td>76314-X02(LF)</td><td>2x02</td><td>(2.54)</td><td>(5.08)</td></tr><tr><td>76314-X03(LF)</td><td>2x03</td><td>(5.08)</td><td>(7.62)</td></tr><tr><td>76314-X04(LF)</td><td>2x04</td><td>(7.62)</td><td>(10.16)</td></tr><tr><td>76314-X05(LF)</td><td>2x05</td><td>(10.16)</td><td>(12.70)</td></tr><tr><td>76314-X06(LF)</td><td>2x06</td><td>(12.70)</td><td>(15.24)</td></tr><tr><td>76314-X07(LF)</td><td>2x07</td><td>(15.24)</td><td>(17.78)</td></tr><tr><td>76314-X08(LF)</td><td>2x08</td><td>(17.78)</td><td>(20.32)</td></tr><tr><td>76314-X09(LF)</td><td>2x09</td><td>(20.32)</td><td>(22.86)</td></tr><tr><td>76314-X10(LF)</td><td>2x10</td><td>(22.86)</td><td>(25.40)</td></tr><tr><td>76314-X11(LF)</td><td>2x11</td><td>(25.40)</td><td>(27.94)</td></tr><tr><td>76314-X12(LF)</td><td>2x12</td><td>(27.94)</td><td>(30.48)</td></tr><tr><td>76314-X13(LF)</td><td>2x13</td><td>(30.48)</td><td>(33.02)</td></tr><tr><td>76314-X14(LF)</td><td>2x14</td><td>(33.02)</td><td>(35.56)</td></tr><tr><td>76314-X15(LF)</td><td>2x15</td><td>(35.56)</td><td>(38.10)</td></tr><tr><td>76314-X16(LF)</td><td>2x16</td><td>(38.10)</td><td>(40.64)</td></tr><tr><td>76314-X17(LF)</td><td>2x17</td><td>(40.64)</td><td>(43.18)</td></tr><tr><td>76314-X18(LF)</td><td>2x18</td><td>(43.18)</td><td>(45.72)</td></tr><tr><td>76314-X19(LF)</td><td>2x19</td><td>(45.72)</td><td>(48.26)</td></tr><tr><td>76314-X20(LF)</td><td>2x20</td><td>(48.26)</td><td>(50.80)</td></tr><tr><td>76314-X21(LF)</td><td>2x21</td><td>(50.80)</td><td>(53.34)</td></tr><tr><td>76314-X22(LF)</td><td>2x22</td><td>(53.34)</td><td>(55.88)</td></tr><tr><td>76314-X23(LF)</td><td>2x23</td><td>(55.88)</td><td>(58.42)</td></tr><tr><td>76314-X24(LF)</td><td>2x24</td><td>(58.42)</td><td>(60.96)</td></tr><tr><td>76314-X25(LF)</td><td>2x25</td><td>(60.96)</td><td>(63.50)</td></tr></table>																PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"	76314-X02(LF)	2x02	(2.54)	(5.08)	76314-X03(LF)	2x03	(5.08)	(7.62)	76314-X04(LF)	2x04	(7.62)	(10.16)	76314-X05(LF)	2x05	(10.16)	(12.70)	76314-X06(LF)	2x06	(12.70)	(15.24)	76314-X07(LF)	2x07	(15.24)	(17.78)	76314-X08(LF)	2x08	(17.78)	(20.32)	76314-X09(LF)	2x09	(20.32)	(22.86)	76314-X10(LF)	2x10	(22.86)	(25.40)	76314-X11(LF)	2x11	(25.40)	(27.94)	76314-X12(LF)	2x12	(27.94)	(30.48)	76314-X13(LF)	2x13	(30.48)	(33.02)	76314-X14(LF)	2x14	(33.02)	(35.56)	76314-X15(LF)	2x15	(35.56)	(38.10)	76314-X16(LF)	2x16	(38.10)	(40.64)	76314-X17(LF)	2x17	(40.64)	(43.18)	76314-X18(LF)	2x18	(43.18)	(45.72)	76314-X19(LF)	2x19	(45.72)	(48.26)	76314-X20(LF)	2x20	(48.26)	(50.80)	76314-X21(LF)	2x21	(50.80)	(53.34)	76314-X22(LF)	2x22	(53.34)	(55.88)	76314-X23(LF)	2x23	(55.88)	(58.42)	76314-X24(LF)	2x24	(58.42)	(60.96)	76314-X25(LF)	2x25	(60.96)	(63.50)	<table><tr><td>PRODUCT NUMBER</td><td>NBR OF POS</td><td>DIM "J"</td><td>DIM "K"</td></tr><tr><td>76314-X26(LF)</td><td>2x26</td><td>(63.50)</td><td>(66.04)</td></tr><tr><td>76314-X27(LF)</td><td>2x27</td><td>(66.04)</td><td>(68.58)</td></tr><tr><td>76314-X28(LF)</td><td>2x28</td><td>(68.58)</td><td>(71.12)</td></tr><tr><td>76314-X29(LF)</td><td>2x29</td><td>(71.12)</td><td>(73.66)</td></tr><tr><td>76314-X30(LF)</td><td>2x30</td><td>(73.66)</td><td>(76.20)</td></tr><tr><td>76314-X31(LF)</td><td>2x31</td><td>(76.20)</td><td>(78.74)</td></tr><tr><td>76314-X32(LF)</td><td>2x32</td><td>(78.74)</td><td>(81.28)</td></tr><tr><td>76314-X33(LF)</td><td>2x33</td><td>(81.28)</td><td>(83.82)</td></tr><tr><td>76314-X34(LF)</td><td>2x34</td><td>(83.82)</td><td>(86.36)</td></tr><tr><td>76314-X35(LF)</td><td>2x35</td><td>(86.36)</td><td>(88.90)</td></tr><tr><td>76314-X36(LF)</td><td>2x36</td><td>(88.90)</td><td>(91.44)</td></tr><tr><td>76314-X37(LF)</td><td>2x37</td><td>(91.44)</td><td>(93.98)</td></tr><tr><td>76314-X38(LF)</td><td>2x38</td><td>(93.98)</td><td>(96.52)</td></tr><tr><td>76314-X39(LF)</td><td>2x39</td><td>(96.52)</td><td>(99.06)</td></tr><tr><td>76314-X40(LF)</td><td>2x40</td><td>(99.06)</td><td>(101.60)</td></tr><tr><td>76314-X41(LF)</td><td>2x41</td><td>(101.60)</td><td>(104.14)</td></tr><tr><td>76314-X42(LF)</td><td>2x42</td><td>(104.14)</td><td>(106.68)</td></tr><tr><td>76314-X43(LF)</td><td>2x43</td><td>(106.68)</td><td>(109.22)</td></tr><tr><td>76314-X44(LF)</td><td>2x44</td><td>(109.22)</td><td>(111.76)</td></tr><tr><td>76314-X45(LF)</td><td>2x45</td><td>(111.76)</td><td>(114.30)</td></tr><tr><td>76314-X46(LF)</td><td>2x46</td><td>(114.30)</td><td>(116.84)</td></tr><tr><td>76314-X47(LF)</td><td>2x47</td><td>(116.84)</td><td>(119.38)</td></tr><tr><td>76314-X48(LF)</td><td>2x48</td><td>(119.38)</td><td>(121.92)</td></tr><tr><td>76314-X49(LF)</td><td>2x49</td><td>(121.92)</td><td>(124.46)</td></tr><tr><td>76314-X50(LF)</td><td>2x50</td><td>(124.46)</td><td>(127.00)</td></tr></table>																PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"	76314-X26(LF)	2x26	(63.50)	(66.04)	76314-X27(LF)	2x27	(66.04)	(68.58)	76314-X28(LF)	2x28	(68.58)	(71.12)	76314-X29(LF)	2x29	(71.12)	(73.66)	76314-X30(LF)	2x30	(73.66)	(76.20)	76314-X31(LF)	2x31	(76.20)	(78.74)	76314-X32(LF)	2x32	(78.74)	(81.28)	76314-X33(LF)	2x33	(81.28)	(83.82)	76314-X34(LF)	2x34	(83.82)	(86.36)	76314-X35(LF)	2x35	(86.36)	(88.90)	76314-X36(LF)	2x36	(88.90)	(91.44)	76314-X37(LF)	2x37	(91.44)	(93.98)	76314-X38(LF)	2x38	(93.98)	(96.52)	76314-X39(LF)	2x39	(96.52)	(99.06)	76314-X40(LF)	2x40	(99.06)	(101.60)	76314-X41(LF)	2x41	(101.60)	(104.14)	76314-X42(LF)	2x42	(104.14)	(106.68)	76314-X43(LF)	2x43	(106.68)	(109.22)	76314-X44(LF)	2x44	(109.22)	(111.76)	76314-X45(LF)	2x45	(111.76)	(114.30)	76314-X46(LF)	2x46	(114.30)	(116.84)	76314-X47(LF)	2x47	(116.84)	(119.38)	76314-X48(LF)	2x48	(119.38)	(121.92)	76314-X49(LF)	2x49	(121.92)	(124.46)	76314-X50(LF)	2x50	(124.46)	(127.00)
PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"																																																																																																																																																																																																																																								
76314-X02(LF)	2x02	(2.54)	(5.08)																																																																																																																																																																																																																																								
76314-X03(LF)	2x03	(5.08)	(7.62)																																																																																																																																																																																																																																								
76314-X04(LF)	2x04	(7.62)	(10.16)																																																																																																																																																																																																																																								
76314-X05(LF)	2x05	(10.16)	(12.70)																																																																																																																																																																																																																																								
76314-X06(LF)	2x06	(12.70)	(15.24)																																																																																																																																																																																																																																								
76314-X07(LF)	2x07	(15.24)	(17.78)																																																																																																																																																																																																																																								
76314-X08(LF)	2x08	(17.78)	(20.32)																																																																																																																																																																																																																																								
76314-X09(LF)	2x09	(20.32)	(22.86)																																																																																																																																																																																																																																								
76314-X10(LF)	2x10	(22.86)	(25.40)																																																																																																																																																																																																																																								
76314-X11(LF)	2x11	(25.40)	(27.94)																																																																																																																																																																																																																																								
76314-X12(LF)	2x12	(27.94)	(30.48)																																																																																																																																																																																																																																								
76314-X13(LF)	2x13	(30.48)	(33.02)																																																																																																																																																																																																																																								
76314-X14(LF)	2x14	(33.02)	(35.56)																																																																																																																																																																																																																																								
76314-X15(LF)	2x15	(35.56)	(38.10)																																																																																																																																																																																																																																								
76314-X16(LF)	2x16	(38.10)	(40.64)																																																																																																																																																																																																																																								
76314-X17(LF)	2x17	(40.64)	(43.18)																																																																																																																																																																																																																																								
76314-X18(LF)	2x18	(43.18)	(45.72)																																																																																																																																																																																																																																								
76314-X19(LF)	2x19	(45.72)	(48.26)																																																																																																																																																																																																																																								
76314-X20(LF)	2x20	(48.26)	(50.80)																																																																																																																																																																																																																																								
76314-X21(LF)	2x21	(50.80)	(53.34)																																																																																																																																																																																																																																								
76314-X22(LF)	2x22	(53.34)	(55.88)																																																																																																																																																																																																																																								
76314-X23(LF)	2x23	(55.88)	(58.42)																																																																																																																																																																																																																																								
76314-X24(LF)	2x24	(58.42)	(60.96)																																																																																																																																																																																																																																								
76314-X25(LF)	2x25	(60.96)	(63.50)																																																																																																																																																																																																																																								
PRODUCT NUMBER	NBR OF POS	DIM "J"	DIM "K"																																																																																																																																																																																																																																								
76314-X26(LF)	2x26	(63.50)	(66.04)																																																																																																																																																																																																																																								
76314-X27(LF)	2x27	(66.04)	(68.58)																																																																																																																																																																																																																																								
76314-X28(LF)	2x28	(68.58)	(71.12)																																																																																																																																																																																																																																								
76314-X29(LF)	2x29	(71.12)	(73.66)																																																																																																																																																																																																																																								
76314-X30(LF)	2x30	(73.66)	(76.20)																																																																																																																																																																																																																																								
76314-X31(LF)	2x31	(76.20)	(78.74)																																																																																																																																																																																																																																								
76314-X32(LF)	2x32	(78.74)	(81.28)																																																																																																																																																																																																																																								
76314-X33(LF)	2x33	(81.28)	(83.82)																																																																																																																																																																																																																																								
76314-X34(LF)	2x34	(83.82)	(86.36)																																																																																																																																																																																																																																								
76314-X35(LF)	2x35	(86.36)	(88.90)																																																																																																																																																																																																																																								
76314-X36(LF)	2x36	(88.90)	(91.44)																																																																																																																																																																																																																																								
76314-X37(LF)	2x37	(91.44)	(93.98)																																																																																																																																																																																																																																								
76314-X38(LF)	2x38	(93.98)	(96.52)																																																																																																																																																																																																																																								
76314-X39(LF)	2x39	(96.52)	(99.06)																																																																																																																																																																																																																																								
76314-X40(LF)	2x40	(99.06)	(101.60)																																																																																																																																																																																																																																								
76314-X41(LF)	2x41	(101.60)	(104.14)																																																																																																																																																																																																																																								
76314-X42(LF)	2x42	(104.14)	(106.68)																																																																																																																																																																																																																																								
76314-X43(LF)	2x43	(106.68)	(109.22)																																																																																																																																																																																																																																								
76314-X44(LF)	2x44	(109.22)	(111.76)																																																																																																																																																																																																																																								
76314-X45(LF)	2x45	(111.76)	(114.30)																																																																																																																																																																																																																																								
76314-X46(LF)	2x46	(114.30)	(116.84)																																																																																																																																																																																																																																								
76314-X47(LF)	2x47	(116.84)	(119.38)																																																																																																																																																																																																																																								
76314-X48(LF)	2x48	(119.38)	(121.92)																																																																																																																																																																																																																																								
76314-X49(LF)	2x49	(121.92)	(124.46)																																																																																																																																																																																																																																								
76314-X50(LF)	2x50	(124.46)	(127.00)																																																																																																																																																																																																																																								
<table><tr><td>9</td><td>5 μm SnPb</td><td>1.25 μm SnPb</td><td>1.3 μm Ni</td></tr><tr><td>2</td><td>1.0 μm Au</td><td>0.2 μm Au</td><td>1.3 μm Ni</td></tr><tr><td>1</td><td>0.76 μm Au</td><td>0.05 μm Au</td><td>1.3 μm Ni</td></tr><tr><td>PLATING CODE X</td><td>PLATING THICKNESS CONTACT AREA</td><td>PLATING THICKNESS REMAINDER</td><td>THICKNESS UNDER PLATING</td></tr></table>																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	<table><tr><td colspan="4">mat'l. code SEE TABLE</td><td colspan="2">surface ISO 1302 ✓</td><td colspan="2">tolerance ISO 406 ISO 101</td><td colspan="2">projection 101</td><td colspan="4">product family BERGCON</td></tr><tr><td colspan="4">ltr ecn no dr date</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2"></td><td colspan="2">mm</td><td colspan="4">title V. C. C. DOUBLE ROW .100x.100</td></tr><tr><td colspan="4">C F40751 PNZ 94.10.12</td><td colspan="2">angles</td><td colspan="2"></td><td colspan="2"></td><td colspan="4">dwg no sheet 2 of size</td></tr><tr><td colspan="4">D F60062 OMA 96.01.30</td><td colspan="2">Linear</td><td colspan="2"></td><td colspan="2">scale N/A</td><td colspan="4">76314 A3</td></tr><tr><td colspan="4">E V60456 OMA 96.03.11</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">FCJ</td><td colspan="4">type CUSTOMER Drawing</td></tr><tr><td colspan="4">F F05.0235 DLE 05.08.25</td><td colspan="2">dr</td><td colspan="2">O. MATHEVON 96.01.30</td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="4">G F06-0216 DLE 06.07.11</td><td colspan="2">engr</td><td colspan="2">AESCHBACHER 96.01.30</td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="4"></td><td colspan="2">chr</td><td colspan="2">O. MATHEVON 96.01.30</td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="4"></td><td colspan="2">appd</td><td colspan="2">M. AE 96.01.30</td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="2">sheet index</td><td colspan="2">revision sheet</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr></table>																mat'l. code SEE TABLE				surface ISO 1302 ✓		tolerance ISO 406 ISO 101		projection 101		product family BERGCON				ltr ecn no dr date				tolerances unless otherwise specified				mm		title V. C. C. DOUBLE ROW .100x.100				C F40751 PNZ 94.10.12				angles						dwg no sheet 2 of size				D F60062 OMA 96.01.30				Linear				scale N/A		76314 A3				E V60456 OMA 96.03.11								FCJ		type CUSTOMER Drawing				F F05.0235 DLE 05.08.25				dr		O. MATHEVON 96.01.30								G F06-0216 DLE 06.07.11				engr		AESCHBACHER 96.01.30												chr		O. MATHEVON 96.01.30												appd		M. AE 96.01.30								sheet index		revision sheet																																																											
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 101		product family BERGCON																																																																																																																																																																																																																																	
ltr ecn no dr date				tolerances unless otherwise specified				mm		title V. C. C. DOUBLE ROW .100x.100																																																																																																																																																																																																																																	
C F40751 PNZ 94.10.12				angles						dwg no sheet 2 of size																																																																																																																																																																																																																																	
D F60062 OMA 96.01.30				Linear				scale N/A		76314 A3																																																																																																																																																																																																																																	
E V60456 OMA 96.03.11								FCJ		type CUSTOMER Drawing																																																																																																																																																																																																																																	
F F05.0235 DLE 05.08.25				dr		O. MATHEVON 96.01.30																																																																																																																																																																																																																																					
G F06-0216 DLE 06.07.11				engr		AESCHBACHER 96.01.30																																																																																																																																																																																																																																					
				chr		O. MATHEVON 96.01.30																																																																																																																																																																																																																																					
				appd		M. AE 96.01.30																																																																																																																																																																																																																																					
sheet index		revision sheet																																																																																																																																																																																																																																									
form: A3				1				2				3				4				5				6																																																																																																																																																																																																																			

FCJ

FCJconnect.com

Copyright FCJ

PDM: Rev:G

STATUS:Released

Printed: Jun 06, 2009