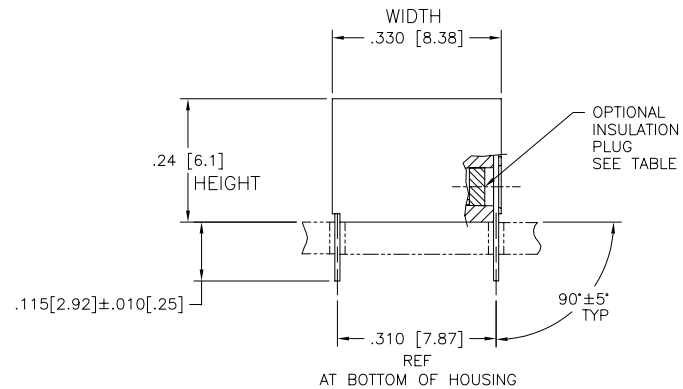
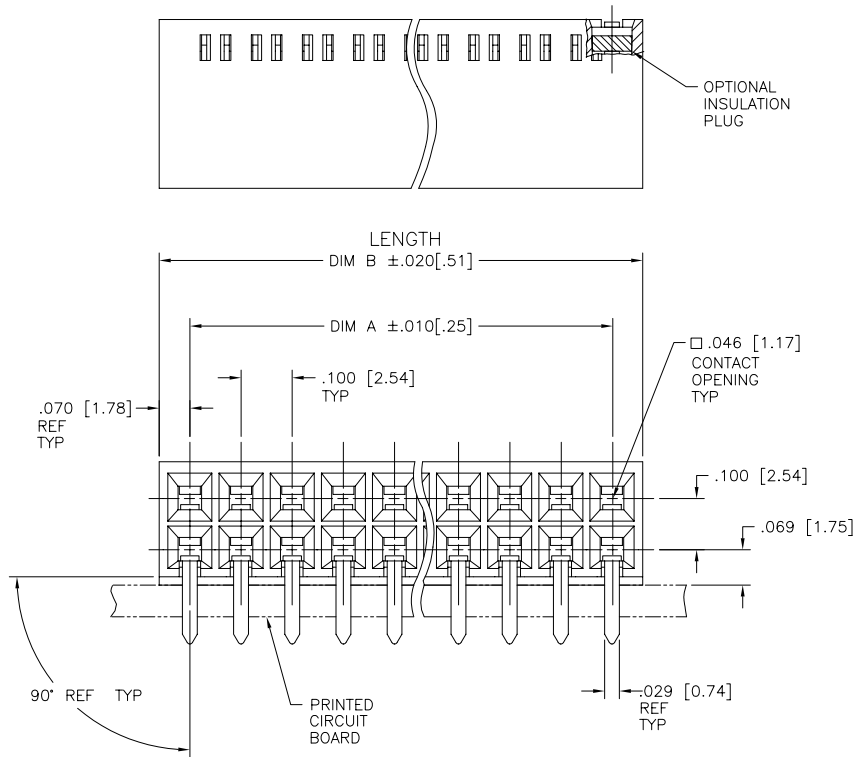




FCIconnect.com

Copyright FCI

PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ☒ ISO 1302				tolerance ☒ ISO 406 ☒ ISO 1101				projection 				product family CARD CONN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
ltr	ecn no		dr	date		tolerances unless otherwise specified												title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
AR	V32114		MSC	6/8/94		angles		.XX±.01/.3										INCH/MM				BERGCON HORIZ. CARD CONN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
AS	V41413		MRC	9/30/94		linear		.XXX±.005/.13										scale 1:1				DOUBLE ROW .100/2.54 cc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
AT	V61611		MDF	10/29/96		0°±2°		.XXXX±.0020/.051																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
AU	V70992		JM	10/12/97		dr	M.CLOUSER		6/7/94														dwg no				sheet 1 of 11				size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
AV	V02523		AZ	10/20/00		enr	H.SUNDY		6/7/94														65000				A3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
AW	M05-0181		ERE	09/05/05		chr	H.SUNDY		6/7/94														type				Product				Customer				Drawing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
AX	M06-0319		MHT	8/21/06		appd	H.SUNDY		6/7/94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
sheet	revision		AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX

form: A3



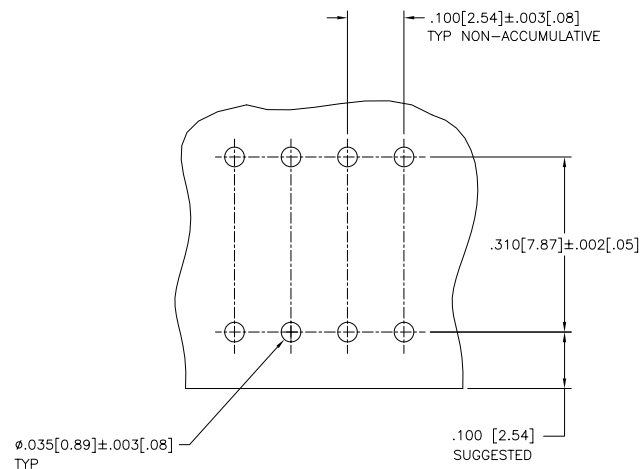
FCIconnect.com

Copyright FCI

PRODUCT NUMBER
SEE TABLE

NOTES:

1. HOUSING MATERIAL: (SEE TABLE)
FILLED HIGH TEMPERATURE NYLON, COLOR BLACK
2. TERMINAL MATERIAL:
BODY-BRASS, .010/.25 THICK
SPRING- Be-Cu, HEAT TREATED
BODY PLATING- SEE TABLE FOR Au PLATING THICKNESS
OVER 50u"/1.27u Ni IN CONTACT AREA.
SPRING PLATING:- Au FLASH
LEAD FREE BODY PLATING: 2.54u/100u" Sn
3. MARKING: "FCI" PART NUMBER AND DATE CODE
LEGIBLE ON TUBE LABEL.
4. APPLICATION INFORMATION:
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN
IN FIGURE 1.
B. ALL MATING PINS TO BE .025/.64 SQ. ON TRUE
CENTER OF GIVEN TERMINAL SPACINGS WITHIN
.015/.38 DIA.
C. SUGGESTED MATING PIN LENGTH .350[8.89]±.020[.51].
5. ADD "LF" SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION.
6. THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN
GS-22-008.
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 20 SECONDS IN A WAVE SOLDER,
INFRA-RED OR VAPOR PHASE
SOLDER PROCESS.
8. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE
AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL
INTERCONNECT ENVIRONMENTS."

FIGURE 1
SCALE 10/1

mat'l. code				surface	tolerance	projection	product family
				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN.
ltr	ecr	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 1:1 FCI	title
AX					angles linear .XX±.01/.3 .xxx±.005/.13 .xxxx±.0020/.051		BERGCON HORIZ. CARD CONN DOUBLE ROW .100/2.54 cc
					dr M.CLOUSER 6/7/94		dwg no sheet2 of11size
					enr H.SUNDY 6/7/94		65000 A3
					chr H.SUNDY 6/7/94		type Product Customer Drawing
					appd H.SUNDY 6/7/94		
sheet	revision						
index	sheet						

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-001	HT NYLON	2X8	.700/17.78	.840/21.34	.0035/.089	40u"/1.02u Au			NOTE 5, 6
-002		2X8	.700/17.78	.840/21.34					
-003		2X9	.800/20.32	.940/23.88					
-004		2X9	.800/20.32	.940/23.88					
-005		2X10	.900/22.86	1.040/26.42					
-006		2X10	.900/22.86	1.040/26.42					
-007		2X11	1.000/25.40	1.140/28.96					
-008		2X11	1.000/25.40	1.140/28.96					
-009		2X12	1.100/27.94	1.240/31.50					
-010		2X12	1.100/27.94	1.240/31.50					
-011		2X13	1.200/30.48	1.340/34.04					
-012		2X13	1.200/30.48	1.340/34.04					
-013		2X14	1.300/33.02	1.440/36.58					
-014		2X14	1.300/33.02	1.440/36.58					
-015		2X15	1.400/35.56	1.540/39.12					
-016		2X15	1.400/35.56	1.540/39.12					
-017		2X16	1.500/38.10	1.640/41.66					
-018		2X16	1.500/38.10	1.640/41.66					
-019		2X17	1.600/40.64	1.740/44.20					
-020		2X17	1.600/40.64	1.740/44.20					
-021		2X18	1.700/43.18	1.840/46.74					
-022		2X18	1.700/43.18	1.840/46.74					
-023		2X19	1.800/45.72	1.940/49.28					
-024		2X19	1.800/45.72	1.940/49.28					
-025		2X20	1.900/48.26	2.040/51.82					
-026		2X20	1.900/48.26	2.040/51.82					
-027		2X21	2.000/50.80	2.140/54.36					
-028		2X21	2.000/50.80	2.140/54.36					
-029		2X22	2.100/53.34	2.240/56.90					
-030		2X22	2.100/53.34	2.240/56.90					
-031		2X23	2.200/55.68	2.340/59.44					
-032		2X23	2.200/55.68	2.340/59.44					
-033		2X24	2.300/58.42	2.440/61.98					
-034		2X24	2.300/58.42	2.440/61.98					
-035		2X25	2.400/60.96	2.540/64.52					
65000-036	HT NYLON	2X25	2.400/60.96	2.540/64.52	.0035/.089	40u"/1.02u Au			NOTE 5, 6

mat'l. code		surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN.	
ltr		ecn no		dr		date		title	
AX								BERGCON HORIZ. CARD CONN	
								DOUBLE ROW .100/2.54 cc	
								dwg no	
								sheet 3 of 11	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet							



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-037	HT NYLON	2X 26	2.500/63.50	2.640/67.06	.0035/.089	40u"/1.02u Au			NOTE 5, 6
-038		2X 26	2.500/63.50	2.640/67.06					
-039		2X 27	2.600/66.04	2.740/69.60					
-040		2X 27	2.600/66.04	2.740/69.60					
-041		2X 28	2.700/68.58	2.840/72.14					
-042		2X 28	2.700/68.58	2.840/72.14					
-043		2X 29	2.800/71.12	2.940/74.68					
-044		2X 29	2.800/71.12	2.940/74.68					
-045		2X 30	2.900/73.66	3.040/77.22					
-046		2X 30	2.900/73.66	3.040/77.22					
-047		2X 31	3.000/76.20	3.140/79.76					
-048		2X 31	3.000/76.20	3.140/79.76					
-049		2X 32	3.100/78.74	3.240/82.30					
-050		2X 32	3.100/78.74	3.240/82.30					
-051		2X 33	3.200/81.28	3.340/84.84					
-052		2X 33	3.200/81.28	3.340/84.84					
-053		2X 34	3.300/83.82	3.440/87.38					
-054		2X 34	3.300/83.82	3.440/87.38					
-055		2X 35	3.400/86.36	3.540/89.92					
-056		2X 35	3.400/86.36	3.540/89.92					
-057		2X 36	3.500/88.90	3.640/92.46					
-058		2X 36	3.500/88.90	3.640/92.46					
-059		2X 37	3.600/91.44	3.740/95.00					
-060		2X 37	3.600/91.44	3.740/95.00					
-061		2X 38	3.700/93.98	3.840/97.54					
-062		2X 38	3.700/93.98	3.840/97.54					
-063		2X 39	3.800/96.52	3.940/100.08					
-064		2X 39	3.800/96.52	3.940/100.08					
-065		2X 40	3.900/99.06	4.040/102.62					
-066		2X 40	3.900/99.06	4.040/102.62					
-067		2X 41	4.000/101.60	4.140/105.16					
-068		2X 41	4.000/101.60	4.140/105.16					
-069		2X 42	4.100/104.14	4.240/107.70					
-070		2X 42	4.100/104.14	4.240/107.70					
-071		2X 43	4.200/106.68	4.340/110.24					
65000-072	HT NYLON	2X 43	4.200/106.68	4.340/110.24	.0035/.089	40u"/1.02u Au			NOTE 5, 6

mat'l. code				surface ISO 1302 ☒	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN.
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 1:1	title
AX				angles	linear		BERGCON HORIZ. CARD CONN
				0°±2'	.xxx±.01/.3 .xxx±.005/.13 .xxxx±.0020/.051		DOUBLE ROW .100/2.54 cc
				dr	M.CLOUSER	6/7/94	dwg no
				enr	H.SUNDY	6/7/94	sheet 4 of 11
				chr	H.SUNDY	6/7/94	size
				appd	H.SUNDY	6/7/94	A3
sheet index	revision sheet						type Product Customer Drawing

form: A3



FCIconnect.com

Copyright FCI

D

1			2			3	4			5			6	
PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION					
65000-073	HT NYLON	2X44	4.300/109.22	4.440/112.78	.0035/.089	40u"/1.02u Au			NOTE 5, 6					
-074		2X44	4.300/109.22	4.440/112.78										
-075		2X45	4.400/111.76	4.540/115.31										
-076		2X45	4.400/111.76	4.540/115.31										
-077		2X46	4.500/114.30	4.640/117.86										
-078		2X46	4.500/114.30	4.640/117.86										
-079		2X47	4.600/116.84	4.740/120.40										
-080		2X47	4.600/116.84	4.740/120.40										
-081		2X48	4.700/119.38	4.840/122.94										
-082		2X48	4.700/119.38	4.840/122.94										
-083		2X49	4.800/121.92	4.940/125.48										
-084		2X49	4.800/121.92	4.940/125.48										
-085		2X50	4.900/124.46	5.040/128.02										
-086		2X50	4.900/124.46	5.040/128.02										
-087		2X51	5.000/127.00	5.140/130.56										
-088		2X51	5.000/127.00	5.140/130.56										
-089		2X52	5.100/129.54	5.240/133.10										
-090		2X52	5.100/129.54	5.240/133.10										
-091		2X53	5.200/132.08	5.340/135.64										
-092		2X53	5.200/132.08	5.340/135.64										
-093		2X54	5.300/134.62	5.440/138.18										
-094		2X54	5.300/134.62	5.440/138.18										
-095		2X55	5.400/137.16	5.540/140.72										
-096		2X55	5.400/137.16	5.540/140.72		40u"/1.02u Au								
-097		2X14	1.300/33.02	1.440/36.58		50u"/1.27u Au								
-098		2X14	1.300/33.02	1.440/36.58										
-099		2X29	2.800/71.12	2.940/74.68										
-100		2X29	2.800/71.12	2.940/74.68										
-101		2X26	2.500/63.50	2.640/67.06										
-102		2X26	2.500/63.50	2.640/67.06		50u"/1.27u Au								
-103		2X7	.600/15.24	.740/18.80		40u"/1.02u Au								
-104	HT NYLON	2X30	2.900/73.66	3.040/77.22	.0035/.089	50u"/1.27u Au								
-105	REPLACED BY -212													
-106	REPLACED BY -213													
-107	HT NYLON	2X8	.700/17.78	.840/21.34	.0035/.089	50u"/1.27u Au								
65000-108	HT NYLON	2X15	1.400/33.56	1.540/39.12	.0035/.089	50u"/1.27u Au			NOTE 5, 6					

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN.			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
AX								linear .XX±.01/.3		BERGCON HORIZ. CARD CONN			
								linear .xxx±.005/.13		DOUBLE ROW .100/2.54 cc			
								0'±2'		scale 1:1			
								dr M.CLOUSER 6/7/94		dwg no sheet5 of11size			
								enr H.SUNDY 6/7/94		65000 A3			
								chr H.SUNDY 6/7/94		type Product Customer Drawing			
								appd H.SUNDY 6/7/94					
sheet index		revision sheet											

form: A3



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-109	HT NYLON	2X20	1.900/48.26	2.040/51.82	.0035/ .089	50u"1.27u Au			NOTE 5, 6
-110		2X24	2.300/58.42	2.440/61.98	.0035/ .089	50u"1.27u Au			
-111		OBSOLETE							
-112		2X4	.300/7.62	.440/11.18	.0035/ .089	50u"1.27u Au			
-113		2X8	.700/17.78	.840/21.34	.0048/ .122	40u"/1.02u Au			
-114		2X5	.400/10.16	.540/13.72	.0035/ .089				
-115		2X5	.400/10.16	.540/13.72					
-116		2X6	.500/12.70	.640/16.26					
-117		2X6	.500/12.70	.640/16.26					
-118		2X7	.600/15.24	.740/18.80					
-119		2X1	.000/ .00	.140/3.56		40u"/1.02u Au			
-120		2X4	.300/7.62	.440/11.18		50u"1.27u Au			
-121		2X6	.500/12.70	.640/16.26					
-122		2X8	.700/17.78	.840/21.34					
-123		2X10	.900/22.86	1.040/26.42					
-124		2X12	1.100/27.94	1.240/31.50					
-125		2X14	1.300/33.02	1.440/36.56		50u"1.27u Au			
-126		2X1	.000/ .00	.140/3.56		40u"/1.02u Au			
-127		2X2	.100/2.54	.240/6.10					
-128		2X2	.100/2.54	.240/6.10					
-129		2X3	.200/5.08	.340/8.64					
-130		2X3	.200/5.08	.340/8.64					
-131		2X4	.300/7.62	.440/11.18					
-132		2X4	.300/7.62	.440/11.18	.0035/ .089				
-133		2X8	.700/17.78	.840/21.34	.0048/ .122				
-134		2X65	6.400/162.56	6.540/166.12	.0035/ .089				
-135		2X65	6.400/162.56	6.540/166.12	.0035/ .089				
-136		2X45	4.400/111.76	4.540/115.32	.0048/ .122				
-137		2X48	4.700/119.38	4.840/122.94	.0048/ .122				
-138		2X56	5.500/139.70	5.640/143.56	.0035/ .089				
-139		2X56	5.500/139.70	5.640/143.56					
-140		2X57	5.600/142.24	5.740/145.80					
-141		2X57	5.600/142.24	5.740/145.80					
-142		2X58	5.700/144.78	5.840/148.34					
-143		2X58	5.700/144.78	5.840/148.34					
65000-144	HT NYLON	2X59	6.800/147.32	5.940/150.88	.0035/ .089	40u"/1.02u Au			NOTE 5, 6

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN.
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1 	title
AX				angles	linear		BERGCON HORIZ. CARD CONN
				0°±2'	.xxx±.01/.3 .xxx±.005/.13 .xxx±.0020/.051		DOUBLE ROW .100/2.54 cc
				dr	M.CLOUSER	6/7/94	dwg no
				enr	H.SUNDY	6/7/94	sheet6 of11size
				chr	H.SUNDY	6/7/94	65000 A3
				appd	H.SUNDY	6/7/94	type Product Customer Drawing
sheet index	revision sheet						

form: A3



FCIconnect.com

Copyright FCI

D

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-145	HT NYLON	2X59	6.800/147.32	5.940/150.88	.0035/.089	40u"/1.02u Au			NOTE 5, 6
-146		2X60	5.900/149.86	6.040/153.52					
-147		2X60	5.900/149.86	6.040/153.52					
-148		2X61	6.000/152.40	6.140/155.96					
-149		2X61	6.000/152.40	6.140/155.96					
-150		2X62	6.100/154.94	6.240/158.40					
-151		2X62	6.100/154.94	6.240/158.40					
-152		2X63	6.200/157.48	6.340/161.04					
-153		2X63	6.200/157.48	6.340/161.04					
-154		2X64	6.300/160.02	6.440/163.58					
-155		2X64	6.300/160.02	6.440/163.58					
-156		2X23	2.200/55.88	2.320/58.93		40u"/1.02u Au			
-157		2X34	3.300/83.82	3.440/87.38	.0035/.089	50u"/1.27u Au			
-158		2X9	.800/20.32	.940/23.88	.0048/.122	40u"/1.02u Au			
-159		2X12	1.100/27.94	1.240/31.50	.0048/.122	40u"/1.02u Au			
-160		REPLACED BY 166							
-161		REPLACED BY 169							
-162		REPLACED BY 163							
-163		2X52	5.100/129.54	5.220/132.59	.0035/.089	40u"/1.02u Au		RESTRICTED	
-164		2X9	.900/20.32	.920/23.37					
-165		2X14	1.300/33.02	1.420/36.07					
-166		2X19	1.800/45.72	1.920/48.77					
-167		2X20	1.900/48.26	2.020/51.82					
-168		2X23	2.200/55.88	2.320/58.93					
-169		2X26	2.500/63.50	2.620/66.57					
-170		2X48	4.700/119.38	4.820/122.43					
-171		2X5	.400/10.16	.520/13.21					
-172		2X25	2.400/60.96	2.520/64.01					
-173		2X33	3.200/81.28	3.320/84.33					
-174		2X30	2.900/73.66	3.040/77.22					
-175		2X32	3.100/78.74	3.240/82.30		40u"/1.02u Au			
-176		2X45	4.400/111.76	4.540/115.32		40u"/1.02u Au		RESTRICTED	
-177		2X34	3.300/83.82	3.440/87.38		50u"/1.27u Au			
-178		2X20	1.900/48.26	2.040/51.82		50u"/1.27u Au			
-179		2X10	.900/22.86	1.040/26.42		50u"/1.27u Au			
65000-180	HT NYLON	2X40	3.900/99.06	4.040/102.62	.0035/.089	40u"/1.02u Au		RESTRICTED	NOTE 5, 6

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN.
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 1:1 	title
AX					angles linear .XX±.01/.3		BERGCON HORIZ. CARD CONN
					0'±2' .xxx±.005/.13 .xxxx±.0020/.051		DOUBLE ROW .100/2.54 cc
				dr	M.CLOUSER 6/7/94		dwg no
				enr	H.SUNDY 6/7/94		sheet 7 of 11
				chr	H.SUNDY 6/7/94		size A3
				appd	H.SUNDY 6/7/94		type Product Customer Drawing
sheet index	revision sheet						

form: A3



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-230	HT NYLON	2X30	2.900/73.66	3.040/77.22	.0035/.089	100u"/2.54u TIN LEAD			NOTE 5, 6
-231		2X31	3.000/76.20	3.140/79.76					
-232		2X32	3.100/78.74	3.240/82.30					
-233		2X33	3.200/81.28	3.340/84.84					
-234		2X34	3.300/83.82	3.440/87.38					
-235		2X35	3.400/86.36	3.540/89.92					
-236		2X36	3.500/88.90	3.640/92.46					
-237		2X37	3.600/91.44	3.740/95.00					
-238		2X38	3.700/93.98	3.840/97.54					
-239		2X39	3.800/96.52	3.940/100.08					
-240		2X40	3.900/99.06	4.040/102.62					
-241		2X41	4.000/101.60	4.140/105.16					
-242		2X42	4.100/104.14	4.240/107.70					
-243		2X43	4.200/106.68	4.340/110.24					
-244		2X44	4.300/109.22	4.440/112.78					
-245		2X45	4.400/111.76	4.540/115.31					
-246		2X46	4.500/114.30	4.640/117.86					
-247		2X47	4.600/116.84	4.740/120.40					
-248		2X48	4.700/119.38	4.840/122.94					
-249		2X49	4.800/121.92	4.940/125.48					
-250		2X50	4.900/124.46	5.040/128.02					
-251		2X51	5.000/127.00	5.140/130.56					
-252		2X52	5.100/129.54	5.240/133.10					
-253		2X53	5.200/132.08	5.340/135.64					
-254		2X54	5.300/134.62	5.440/138.18					
-255		2X55	5.400/137.16	5.540/140.72					
-256		2X56	5.500/139.70	5.640/143.26					
-257		2X57	5.600/142.24	5.740/145.80					
-258		2X58	5.700/144.78	5.840/148.34					
-259		2X59	5.800/147.32	5.940/150.88					
-260		2X60	5.900/149.86	6.040/153.42					
-261		2X61	6.000/152.40	6.140/155.96					
-262		2X62	6.100/154.94	6.240/158.50					
-263		2X63	6.200/157.40	6.340/161.04					
-264		2X64	6.300/160.02	6.440/163.58					
65000-265	HT NYLON	2X65	6.400/162.56	6.540/166.12	.0035/.089	100u"/2.54u TIN LEAD			NOTE 5, 6

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ☒ ISO 1101		projection 		product family CARD CONN.					
ltr		ecn no		dr		date		tolerances unless otherwise specified		title		sheet		size	
AX								linear .XX±.01/.3		INCH/MM		9 of 11		A3	
								.XXX±.005/.13		scale 1:1		dwg no		65000	
								0'±2'				type		Product Customer Drawing	
								dr M.CLOUSER 6/7/94							
								enr H.SUNDY 6/7/94							
								chr H.SUNDY 6/7/94							
								appd H.SUNDY 6/7/94							
sheet index		revision sheet													



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-266	HT NYLON	2X30	2.900/73.66	3.040/77.22	.0030/.076	40u"/1.02u Au		RESTRICTED	NOTE 5, 6
-267		2X40	3.900/99.06	4.040/102.60	.0030/.076	40u"/1.02u Au		RESTRICTED	
-268		2X10	.900/22.86	1.040/26.42	.0035/.089	50u"/1.27u Au			
-269		2X11	1.000/25.40	1.140/28.96					
-270		2X13	1.200/30.48	1.340/34.04					
-271		2X14	1.300/33.02	1.440/36.58					
-272		2X15	1.400/33.56	1.540/39.12					
-273		2X17	1.600/40.64	1.740/44.20					
-274		2X20	1.900/48.26	2.040/51.82					
-275		2X21	2.000/50.80	2.140/54.36					
-276		2X22	2.100/53.34	2.240/56.90					
-277		2X25	2.400/60.96	2.540/64.52					
-278		2X26	2.500/63.50	2.640/67.06					
-279		2X30	2.900/73.66	3.040/77.22					
-280		2X32	3.100/78.74	3.240/82.30					
-281		2X34	3.300/83.82	3.440/87.38					
-282		2X35	3.400/86.36	3.540/89.92					
-283		2X37	3.600/91.44	3.740/95.00					
-284		2X39	3.800/96.52	3.940/100.08					
-285		2X40	3.900/99.06	4.040/102.60					
-286		2X41	4.000/101.60	4.140/105.16					
-287		2X44	4.300/109.22	4.440/112.78					
-288		2X46	4.500/114.30	4.640/117.88					
-289		2X47	4.600/116.84	4.740/120.40					
-290		2X49	4.800/121.92	4.940/125.48	.0035/.089				
-291		2X50	4.900/124.46	5.040/128.02	.0030/.076				
-292		2X51	5.000/127.00	5.140/130.56					
-293		2X52	5.100/129.54	5.240/133.10					
-294		2X55	5.400/137.16	5.540/140.72					
-295		2X58	5.700/144.78	5.840/148.34					
-296		2X61	6.000/152.40	6.140/155.96		50u"/1.27u Au			
-297		2X50	4.900/124.46	5.040/128.02	.0030/.076	30u"/.76u Au		RESTRICTED	
-298		2X25	2.400/60.96	2.540/64.52	.0035/.089	40u"/1.02u Au			
-299		2X40	3.900/99.06	4.040/102.60	.0035/.089	40u"/1.02u Au			
-300		2X61	6.000/152.40	6.140/155.96	.003/.076	40u"/1.02u Au			
65000-301	HT NYLON	2X65	6.400/162.56	6.540/166.12	.0035/.089	30u"/.76u Au			NOTE 5, 6

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN.			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title		sheet10 of 11	
AX								linear		BERGCON HORIZ. CARD CONN		size	
								.XX±.01/.3		DOUBLE ROW .100/2.54 cc		A3	
								.XXX±.005/.13		scale 1:1		type	
								.XXXX±.0020/.051		dwg no		Product Customer Drawing	
								dr M.CLOUSER 6/7/94		FCI			
								enr H.SUNDY 6/7/94					
								chr H.SUNDY 6/7/94					
								appd H.SUNDY 6/7/94					
sheet index		revision sheet											



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NUMBER	HOUSING MATERIAL	NO. OF POS	DIM A	DIM B	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKINGS AND MISCELLANEOUS	CUSTOMER RESTRICTED	LEAD FREE OPTION
65000-302	HT NYLON	2X7	.600/15.24	.740/18.80	.0035/.089	50u"/1.27u Au		RESTRICTED	NOTE 5, 6
-303		2X19	1.800/45.72	1.940/49.28		30u"/.76u Au			
-304		2X22	2.100/53.34	2.240/56.90					
-305		2X25	2.400/60.96	2.540/64.52					
-306		2X40	3.900/99.06	4.040/102.60					
-307		2X44	4.300/109.22	4.440/112.78	.0035/.089				
-308		2X61	6.000/152.40	6.140/155.96	.0030/.076				
-309		2X10	.900/22.86	1.040/26.42	.0035/.089				
-310		2X41	4.000/101.60	4.140/105.16	.0035/.089				
-311		2X35	3.400/86.36	3.540/89.92	.0035/.089				
-312		2X59	5.800/147.32	5.940/150.88	.0030/.076				
-313		2X30	2.900/73.66	3.040/77.22	.0035/.089				
-314		2X20	1.900/48.26	2.040/51.82					
-315		2X24	2.300/58.24	2.440/61.98					
-316		2X14	1.300/33.02	1.440/36.58		30u"/0.76u Au			
-317		2X28	2.700/68.58	2.840/72.14	.0035/.089	30u"/0.76u Au			
-318		2X65	6.400/162.56	6.540/166.12	.0030/.076	50u"/1.27u Au		RESTRICTED	
-319		2X20	1.900/48.26	2.040/51.82	.0035/.089	80u"/2.04u Au		BNL ONLY	
-450		2X10	.900/22.86	1.040/26.42	.0035/.089	30u"/0.76u Au		RESTRICTED	
-451		2X9	.800/20.32	.940/23.88		50u"/1.27u Au		BNL ONLY	
-452		2X28	2.700/68.58	2.840/72.14		50u"/1.27u Au		BNL ONLY	
65000-453	HT NYLON	2X32	3.100/78.74	3.240/82.30	.0035/.089	50u"/1.27u Au		BNL ONLY	NOTE 5, 6

OBS.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection 	product family CARD CONN.			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
AX				angles	linear	.XX±.01/.3	INCH/MM 	BERGCON HORIZ. CARD CONN			
				0'±2"		.XXX±.005/.13		DOUBLE ROW .100/2.54 cc			
						.XXXX±.0020/.051	scale 1:1	dwg no			
				dr	M.CLOUSER	6/7/94		sheet11 of 11size			
				enr	H.SUNDY	6/7/94		65000 A3			
				chr	H.SUNDY	6/7/94		type Product Customer Drawing			
				appd	H.SUNDY	6/7/94					
sheet index	revision sheet										