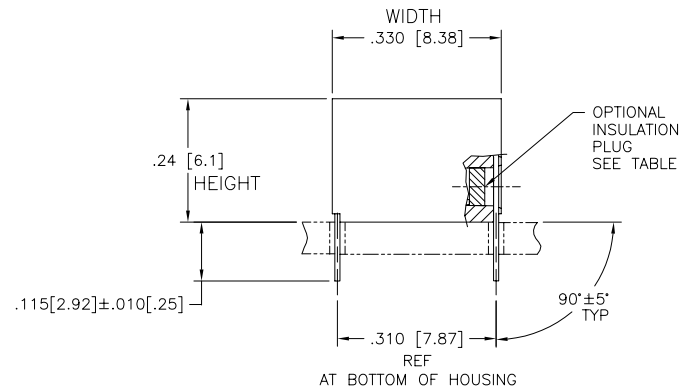
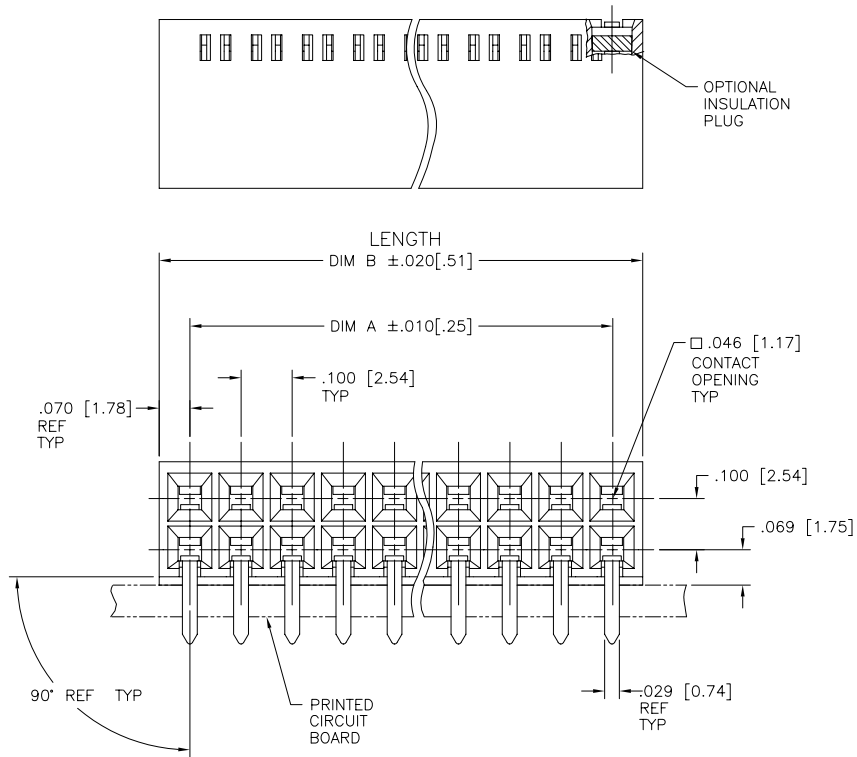




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PRODUCT NUMBER
SEE TABLE



mat'l. code				surface		tolerance		projection		product family	
				ISO 1302		ISO 406 ISO 1101				CARD CONN.	
ltr	ecn no	dr	date	tolerances unless otherwise specified						title	
AR	V32114	MSC	6/8/94	angles	linear	.XX $\pm$.01/.3		INCH/MM		BERGCON HORIZ. CARD CONN	
AS	V41413	MRC	9/30/94			.XXX $\pm$.005/.13		scale 1:1		DOUBLE ROW .100/2.54 cc	
AT	V61611	MDF	10/29/96	0° $\pm$ 2°		.XXXX $\pm$.0020/.051				dwg no	
AU	V70992	JM	10/12/97	dr	M.CLOUSER	6/7/94				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
index	sheet	1	2	3	4	5	6	7	8	9	10

form: A3

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."

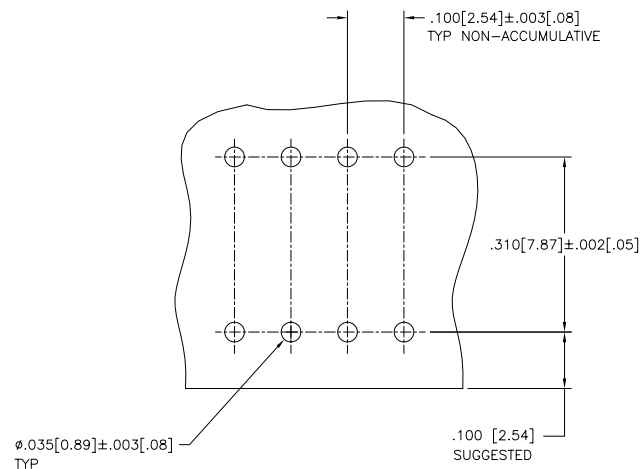


FIGURE 1
SCALE 10/1

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection FIRST ANGLE	product family CARD CONN.
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1	title BERGCON HORIZ. CARD CONN DOUBLE ROW .100/2.54 cc
AX				angles	linear		
				0°±2'	.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051		
				dr	M.CLOUSER	6/7/94	dwg no 65000 sheet2 of 11size A3
				enr	H.SUNDY	6/7/94	
				chr	H.SUNDY	6/7/94	
				appd	H.SUNDY	6/7/94	type Product Customer Drawing
sheet index	revision sheet						



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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		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 sheet3 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



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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±.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

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' .XXXX±.0020/.051		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											

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			title
AX				angles	linear		BERGCON HORIZ. CARD CONN
				0°±2'	.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	scale 1:1	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						



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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

ltr ecn no dr date

AX

surface
ISO 1302 ✓
tolerances unless otherwise specified

angles linear

0°±2'

dr M.CLOUSER
enr H.SUNDY
chr H.SUNDY
appd H.SUNDY

6/7/94
6/7/94
6/7/94
6/7/94

sheet index

revision sheet

surface
ISO 1302 ✓
tolerances unless otherwise specified

angles linear

0°±2'

dr M.CLOUSER
enr H.SUNDY
chr H.SUNDY
appd H.SUNDY

6/7/94
6/7/94
6/7/94
6/7/94

sheet index

revision sheet

projection
INCH/MM
scale 1:1

product family
CARD CONN.

title
BERGCON HORIZ. CARD CONN
DOUBLE ROW .100/2.54 cc

dwg no
65000

sheet 7 of 11

size
A3

type Product Customer Drawing

form: A3



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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	NOTE 5, 6							
65000-181	HT NYLON	2X50	4.900/124.46	5.040/128.02	.0035/.089	40u"/1.02u Au		RESTRICTED									
-182		2X14	2.000/50.80	2.140/54.36	.0035/.089	40u"/1.02u Au		RESTRICTED									
-183		2X50	4.900/124.46	5.040/128.02	.0030/.076	50u"/1.27u Au											
-184		2X44	4.300/109.22	4.440/112.78	.0035/.089	40u"/1.02u Au											
-185		2X6	.500/12.70	.640/16.26	.0035/.089	50u"/1.27u Au		RESTRICTED									
-186		2X22	2.100/53.34	2.240/56.90	.0035/.089	50u"/1.27u Au		RESTRICTED									
-187		2X10	.900/22.86	1.040/26.42	.0048/.122	100u"/2.54u TIN LEAD											
-201		2X1	.000/.00	.140/3.56	.0035/.089												
-202		2X2	.100/2.54	.240/6.10													
-203		2X3	.200/5.08	.340/8.64													
-204		2X4	.300/7.62	.440/11.18													
-205		2X5	.400/10.16	.540/13.72													
-206		2X6	.500/12.70	.640/16.26													
-207		2X7	.600/15.24	.740/18.80													
-208		2X8	.700/17.78	.840/21.34													
-209		2X9	.800/20.32	.940/23.88													
-210		2X10	.900/22.86	1.040/26.42													
-211		2X11	1.000/25.40	1.140/28.96													
-212		2X12	1.100/27.94	1.240/31.50													
-213		2X13	1.200/30.48	1.340/34.04													
-214		2X14	1.300/33.02	1.440/36.58													
-215		2X15	1.400/35.56	1.540/39.12													
-216		2X16	1.500/38.10	1.640/41.66													
-217		2X17	1.600/40.64	1.740/44.20													
-218		2X18	1.700/43.18	1.840/46.74													
-219		2X19	1.800/45.72	1.940/49.28													
-220		2X20	1.900/48.26	2.040/51.82													
-221		2X21	2.000/50.80	2.140/54.36													
-222		2X22	2.100/53.34	2.240/56.90													
-223		2X23	2.200/55.68	2.340/59.44													
-224		2X24	2.300/58.42	2.440/61.98													
-225		2X25	2.400/60.96	2.540/64.52													
-226		2X26	2.500/63.50	2.640/67.06													
-227		2X27	2.600/66.04	2.740/69.60													
-228		2X28	2.700/68.58	2.840/72.14													
65000-229	HT NYLON	2X29	2.800/71.12	2.940/74.68	.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.			
litr		ecn no		dr		date		tolerances unless otherwise specified		title	
AX								.XX±.01/.3		BERGCON HORIZ. CARD CONN	
								linear .XXX±.005/.13		DOUBLE ROW .100/2.54 cc	
								0'±2' .XXXX±.0020/.051		scale 1:1	
								dr M.CLOUSER 6/7/94		dwg no sheet8 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									

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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' .XXX±.0020/.051		scale 1:1			
								dr M.CLOUSER 6/7/94		dwg no		sheet 8 of 11 size	
								enr H.SUNDY 6/7/94		FCI		A3	
								chr H.SUNDY 6/7/94		type		Product Customer Drawing	
								appd H.SUNDY 6/7/94					
sheet index		revision sheet											

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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		BERGCON HORIZ. CARD CONN		9		11	
								.XXX±.005/.13		DOUBLE ROW .100/2.54 cc					
								.XXXX±.0020/.051		scale 1:1		dwg no		A3	
								dr M.CLOUSER 6/7/94				sheet		of 11	
								enr H.SUNDY 6/7/94				65000			
								chr H.SUNDY 6/7/94				type		Product Customer Drawing	
								appd H.SUNDY 6/7/94							
sheet index		revision sheet													



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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	
AX								angles linear .XX±.01/.3		INCH/MM		BERGCON HORIZ. CARD CONN	
								0'±2' .XXX±.005/.13		scale 1:1		DOUBLE ROW .100/2.54 cc	
								dr M.CLOUSER 6/7/94				dwg no sheet 10 of 11 size	
								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											



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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	OBS.																		
-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																		

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		INCH/MM		BERGCON HORIZ. CARD CONN	
								0"±2"		.xxx±.01/.3 .xxx±.005/.13 .xxx±.0020/.051		scale 1:1		DOUBLE ROW .100/2.54 cc	
								dr		M.CLOUSER		6/7/94		dwg no	
								engr		H.SUNDY		6/7/94		sheet11 of 11size	
								chr		H.SUNDY		6/7/94		65000 A3	
								appd		H.SUNDY		6/7/94		type Product Customer Drawing	
sheet index		revision sheet													



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				
						.XXX±.005/.13		scale 1:1		DOUBLE ROW .100/2.54 cc				
				0'±2'		.XXXX±.0020/.051								
				dr	M.CLOUSER	6/7/94				dwg no		sheet11 of 11		size
				enrg	H.SUNDY	6/7/94				65000				A3
				chr	H.SUNDY	6/7/94								
				appd	H.SUNDY	6/7/94								
sheet index		revision sheet								type		Product Customer Drawing		