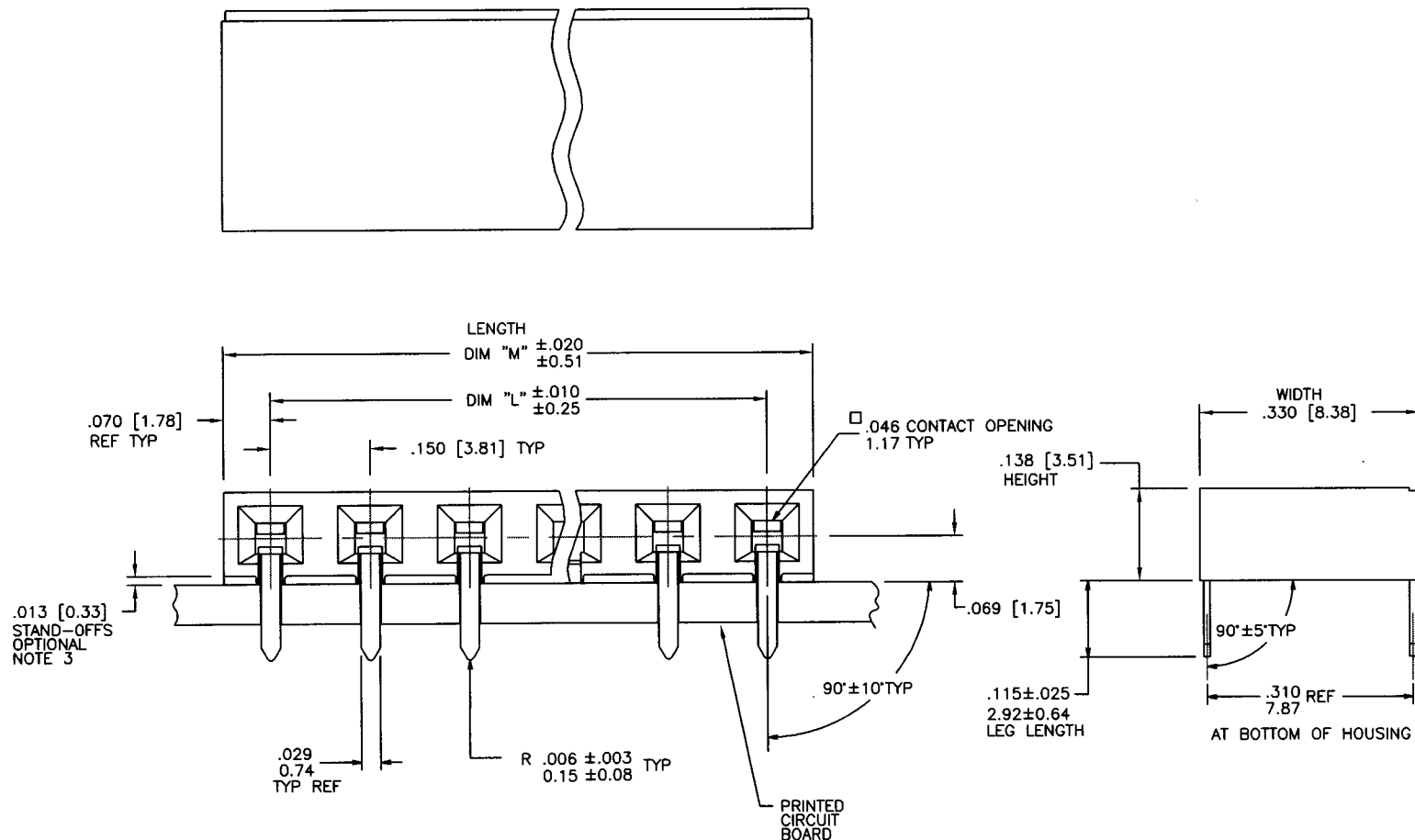


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PRODUCT NUMBER
SEE TABLE



mat'l. code NOTE 1 & 2				tolerances unless otherwise specified				CUSTOMER COPY		BERG ELECTRONICS			
ltr	ecn no	dr	date	linear	.XX ±.01/.3	projection		projection		title	product family	code	
W	REDRAWN	MSC	10/2/85		.XXX ±.005/.13					1 X .150 HORIZONTAL	CARD CONN.		
X	REVISED	EBY	2/14/86		.XXXX ±.0020/.051					CARD CONN., POLYESTER			
Y	V61618	MDF	10/31/96	angles	0° ±2°								
AA	V70992	JM	10/12/97	dr	M. CLOUSER 10/2/85	INCH/MM							
				enr	H. SUNDY 10/31/96	scale							
				chr	H. SUNDY 10/31/96	4:1							
				appd	H. SUNDY 10/31/96								
sheet	revision	AA	Y	Y	Y	Y	Y	Y	Y	A	65059	—	—
index	sheet	1	2	3	4	5	6	7				1 of 7	

A

B

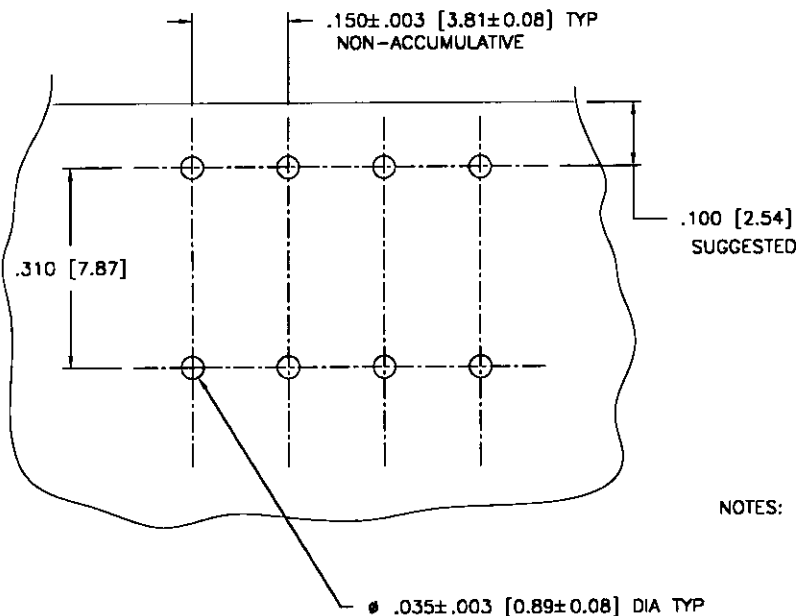
PRODUCT NUMBER SEE TABLE				1 2				3 4			
BERG XYXY XXXXX IN K STAMP CUST. PART NO. BERG LOGO & DATE CODE IN WHITE INK CHARACTERS .060/1.52 HIGH STYLE A				TERMINALS IN EVERY OTHER POSITION ONLY, STARTING WITH FIRST POSITION STYLE B							
65059 YYY XYXY MARK WITH PART NO., DASH NO., AND WEEK-YEAR DATE CODE STANDARD MARKING FOR ALL PARTS UNLESS CUSTOM MARKING CALLED FOR STYLE C											

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		BERG ELECTRONICS			
ltr	ecn no	dr	date	linear	.XX ±.01/.3			projection		title			
Y					.XXX ±.005/.13					1 X .150 HORIZONTAL			
					.XXX ±.0020/.051					CARD CONN., POLYESTER			
				angles	0° ± 2°				INCH/MM	product family		CARD CONN	code
				dr	M. CLOUSER	10/2/85	size			dwg no	--		
				enr	H. SUNDY	10/31/96	scale			A		sheet	
				chr	H. SUNDY	10/31/96	1:1				2 of		
				appd	H. SUNDY	10/31/96							
sheet index	revision sheet												

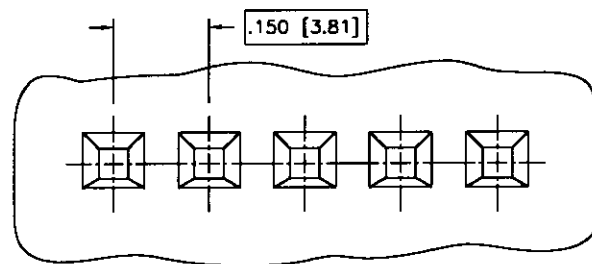
A

B

PRODUCT NUMBER
SEE TABLE



RECOMMENDED MOUNTING HOLE PATTERN
SCALE 4/1



MATING PIN PATTERN
SCALE 4/1

- ALL MATING .025/0.64 SQ. PINS ON TRUE CENTER OF BASIC DIMENSIONS WITHIN .015/0.38 DIA.
- SUGGESTED MATING PIN LENGTH .350 ± .020/8.89 ± 0.51.

NOTES:

- HOUSING MAT'L:
POLYESTER FILLED VE-0
COLOR:
BLUE (STANDARD COLOR)
(SEE TABLE FOR EXCEPTIONS)
- TERMINAL MATERIAL:
BODY:
BRASS, .010/0.250 THK
SPRING:
BE-CU, HEAT TREATED
SEE TABLE FOR THICKNESS
PLATING:
40u"/1.02u Au IN CONTACT AREA (STANDARD PLATING)
(EXCEPTIONS NOTED IN TABLE)
- OPTIONAL PART WITHOUT STANDOFF.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
lfr	ecn no	dr	date	linear	projection	INCH/MM	scale		
					.XX ± .01/.3			title 1 X .150 HORIZONTAL CARD CONN., POLYESTER	
					.XXX ± .005/.13				
					.XXXX ± .0020/.051			product family CARD CONN	
				angles	σ ± Z				
				dr	M. CLOUSER	10/2/85		size dwg no A 65059	
				engr	H. SUNDY	10/31/98			
				chr	H. SUNDY	10/31/98		code - sheet 3 of	
				appd	H. SUNDY	10/31/98			
sheet index	revision sheet							cage code 22526	

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PRODUCT NO.	NO OF POS	DIM "L"	DIM "M"	HOUSING MATERIAL	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKING AND MISCELLANEOUS	CUSTOMER RESTRICTED
65059-001	1 X 5	.600/15.24	.740/18.80	POLYESTER	.0035/0.089	40u"/1.02u Au		
-002	1 X 6	.750/19.05	.890/22.61					
-003	1 X 7	.900/22.86	1.040/26.42					
-004	1 X 8	1.050/26.67	1.190/30.23					
-005	1 X 9	1.200/30.48	1.340/34.04					
-006	1 X 10	1.350/34.29	1.490/37.85					
-007	1 X 11	1.500/38.10	1.640/41.66					
-008	1 X 12	1.650/41.91	1.790/45.47					
-009	1 X 13	1.800/45.72	1.940/49.28					
-010	1 X 14	1.950/49.53	2.090/53.09					
-011	1 X 15	2.100/53.34	2.240/56.90					
-012	1 X 16	2.250/57.15	2.390/60.71					
-013	1 X 17	2.400/60.96	2.540/64.52					
-014	1 X 18	2.550/64.77	2.690/68.33					
-015	1 X 19	2.700/68.58	2.840/72.14					
-016	1 X 20	2.850/72.39	2.990/75.95					
-017	1 X 21	3.000/76.20	3.140/79.76					
-018	1 X 22	3.150/80.01	3.290/83.57					
-019	1 X 23	3.300/83.82	3.440/87.38					
-020	1 X 24	3.450/87.63	3.590/91.19					
-021	1 X 25	3.600/91.44	3.740/95.00					
-022	1 X 26	3.750/95.25	3.890/98.81					
-023	1 X 27	3.900/99.06	4.040/102.62					
-024	1 X 28	4.050/102.87	4.190/106.43					
65059-025	1 X 29	4.200/106.68	4.340/110.24	POLYESTER	.0035/0.089	40u"/1.02u Au		

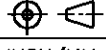
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS title 1 X .150 HORIZONTAL CARD CONN., POLYESTER product family CARD CONN size dwg no A 65059 code - sheet 4 of	
ltr	ecn no	dr	date	linear	.XX ± .01/.3 .XXX ± .005/.13 .XXXX ± .0020/.051	projection			
Y				angles	0° ± 2'	INCH/MM			
				dr	M. CLOUSER 10/2/85	scale	1:1		
				enr	H. SUNDY 10/31/96				
				chr	H. SUNDY 10/31/96				
				appd	H. SUNDY 10/31/96				
sheet index	revision sheet								

PRODUCT NO.	NO OF POS	DIM "L"	DIM "M"	HOUSING MATERIAL	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKING AND MISCELLANEOUS	CUSTOMER RESTRICTED
65059-026	1 X 30	4.350/110.49	4.490/114.05	POLYESTER	.0035/0.089	40u"/1.02u Au		
-027	1 X 12	1.650/41.91	1.790/45.47				STYLE A	RESTRICTED
-028	1 X 26	3.750/95.25	3.890/98.81				STYLE A	RESTRICTED
-029	1 X 4	.900/0.00	.140/3.56					
-030	1 X 2	.150/3.81	.290/7.37					
-031	1 X 3	.300/7.62	.440/11.81					
-032	1 X 4	.450/11.43	.590/14.99			40u"/1.02u Au		
-033	1 X 8	1.050/26.67	1.190/30.23			100u"/2.54u TIN		RESTRICTED
-034	1 X 30	4.350/110.49	4.490/114.05			100u"/2.54u TIN		RESTRICTED
-035	1 X 16	2.250/57.15	2.390/60.71			40u"/1.02u Au	STYLE A	RESTRICTED
-036	1 X 24	3.450/87.63	3.590/91.19			50u"/1.27u Au		
-037	1 X 28	4.050/102.87	4.190/106.43			50u"/1.27u Au		
-038	1 X 13	1.800/45.72	1.940/49.28			40u"/1.02u Au	STYLE B	
-039	1 X 15	2.100/53.34	2.240/56.90			40u"/1.02u Au	STYLE B	
-040	1 X 27	3.900/99.06	4.040/102.61			40u"/1.02u Au	STYLE B	
-041	1 X 18	2.550/64.77	2.690/68.33		.0035/0.089	100u"/2.54u Au		RESTRICTED
-042	1 X 22	3.150/80.01	3.290/83.57		.0048/0.122	40u"/1.02u Au		RESTRICTED
-043	1 X 5	.600/15.24	.740/18.80		.0035/0.089	40u"/1.02u Au	BLACK NOTE 3	RESTRICTED
65059-044	1 X 7	.900/22.86	1.040/26.42	POLYESTER	.0035/0.089	40u"/1.02u Au	BLACK NOTE 3	RESTRICTED

--- OBS.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
ltr	ecn no	dr	date	linear	.XX ± .01/.3	projection	title		
Y					.XXX ± .005/.13		1 X .150 HORIZONTAL CARD CONN., POLYESTER		
				angles	.XXXX ± .0020/.051		product family CARD CONN		
				dr	M. CLOUSER 10/2/85	INCH/MM	code		
				enr	H. SUNDY 10/31/96	scale 1:1	size		
				chr	H. SUNDY 10/31/96		dwg no		
				appd	H. SUNDY 10/31/96		sheet		
sheet index	revision sheet							A 65059 5 of	

PRODUCT NO.	NO OF POS	DIM "L"	DIM "M"	HOUSING MATERIAL	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKING AND MISCELLANEOUS	CUSTOMER RESTRICTED	
65059-201	1 X 1	.000/0.00	.140/3.56	POLYESTER	.0035/0.089	100u"/2.54u TIN			OBS.
-202	1 X 2	.150/3.81	.290/7.37	POLYESTER	.0035/0.089	100u"/2.54u TIN			
-203	1 X 3	.300/7.62	.440/11.18						
-204	1 X 4	.450/11.43	.590/14.99						
-205	1 X 5	.600/15.24	.740/18.80						
-206	1 X 6	.750/19.05	.890/22.61						
-207	1 X 7	.900/22.86	1.040/26.42						
-208	1 X 8	1.050/26.67	1.190/30.23						
-209	1 X 9	1.200/30.48	1.340/34.04						
-210	1 X 10	1.350/34.29	1.490/37.85						
-211	1 X 11	1.500/38.10	1.640/41.66						
-212	1 X 12	1.650/41.91	1.790/45.47						
-213	1 X 13	1.800/45.72	1.940/49.28						
-214	1 X 14	1.950/49.53	2.090/53.09						
-215	1 X 15	2.100/53.34	2.240/56.90						
-216	1 X 16	2.250/57.15	2.390/60.71						
-217	1 X 17	2.400/60.96	2.540/64.52						
-218	1 X 18	2.550/64.77	2.690/68.33						
-219	1 X 19	2.700/68.58	2.840/72.14						
-220	1 X 20	2.850/72.39	2.990/75.95						
-221	1 X 21	3.000/76.20	3.140/79.76						
-222	1 X 22	3.150/80.01	3.290/83.57						
-223	1 X 23	3.300/83.82	3.440/87.38						
-224	1 X 24	3.450/87.63	3.590/91.19						
65059-225	1 X 25	3.600/91.44	3.740/95.00	POLYESTER	.0035/0.089	100u"/2.54u TIN			

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		BERG ELECTRONICS	
ltr	ecn no	dr	date	linear	.XX ± .01/.3			projection 	title 1 X .150 HORIZONTAL CARD CONN., POLYESTER		
Y					.XXX ± .005/.13				product family CARD CONN		
					.XXX ± .0020/.051				code —		
					angles 0° ± 2°				sheet 6 of		
				dr	M. CLOUSER	10/2/85	INCH/MM scale 1:1	A	size dwg no		
				enr	H. SUNDY	10/31/96			65059		
				chr	H. SUNDY	10/31/96					
				app	H. SUNDY	10/31/96					
sheet index	revision sheet										

PRODUCT NO.	NO OF POS	DIM "L"	DIM "M"	HOUSING MATERIAL	SPRING THICKNESS	BODY PLATING THICKNESS	SPECIAL MARKING AND MISCELLANEOUS	CUSTOMER RESTRICTED
65059-226	1 X 26	3.750/95.25	3.890/98.81	POLYESTER	.0035/0.089	100u"/2.54u TIN		
-227	1 X 27	3.900/99.06	4.040/102.62					
-228	1 X 28	4.050/102.87	4.190/106.43					
-229	1 X 29	4.200/106.68	4.340/110.24					
-230	1 X 30	4.350/110.49	4.490/114.05		.0035/0.089			
65059-231	1 X 31	3.150/80.01	3.290/83.57	POLYESTER	.0048/0.122	100u"/2.54u TIN		RESTRICTED

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY			
ltr	ecr no	dr	date	linear	.XX ± .01/.3				projection 
Y					.XXX ± .005/.13				
					.XXXX ± .0020/.051				
				angles	0° ± 2°	INCH/MM	title		
				dr	M. CLOUSER 10/2/85		1 X .150 HORIZONTAL		
				enr	H. SUNDY 10/31/96		CARD CONN., POLYESTER		
				chr	H. SUNDY 10/31/96		product family CARD CONN		
				appd	H. SUNDY 10/31/96	scale	A	code	
						1:1	size	sheet	
sheet index	revision sheet						65059	7 of	