

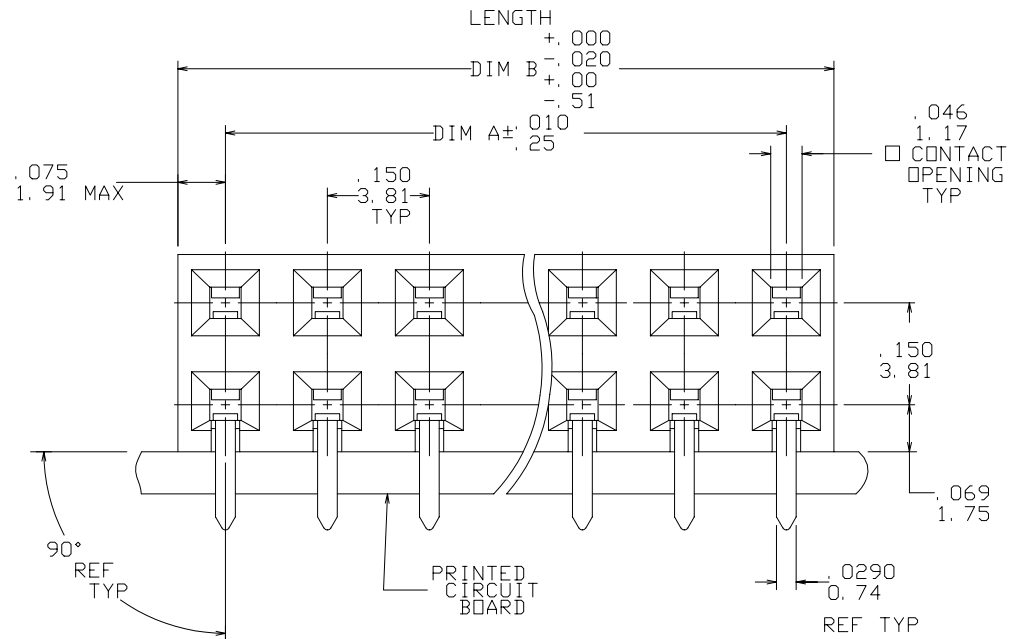
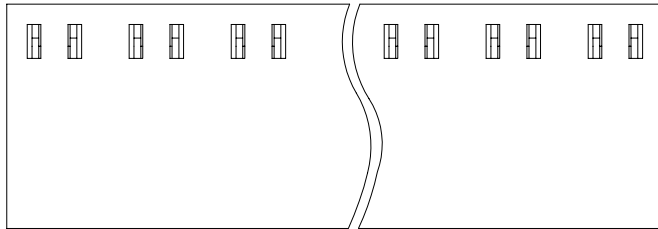


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PRODUCT NO

SEE TABLE



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	title	
F	REDRAWN	JGS		4/10/90	angles	.XX±.01/.3		BERGCON HORIZ. C.C.	
G	V61641	LSS		12/2/96	linear	.XXX ±.005/.13		DOUBLE ROW, .150/3.81	
H	V70996	JM		10/19/97	0°±2°	.XXXX ±.0020/.05		scale 4:1	
J	v02518	MDF		10/26/00	dr	J. LINN	4/10/90	dwg no	
K	M05-0181	MHT		9/05/01	enr	M. HAHN	4/10/90	sheet 1 of 6 size	
L	M06-0117	AEA		06/26/06	chr	M. HAHN	4/10/90	A3	
sheet		revision	L	L	L	L	L	type	
index		sheet	1	2	3	4	5	Product Customer Drawing	

form: A3

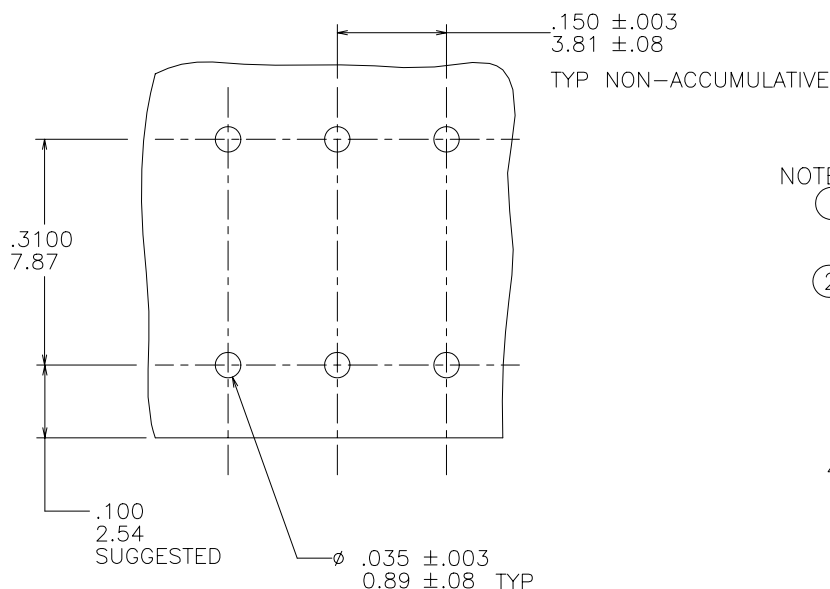


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NOTES.

- ① HOUSING MATERIAL: FILLED HIGH TEMPERATURE NYLON
COLOR: BLACK
- ② TERMINAL MATERIAL.
BODY. BRASS .010/.25 THICK.
SPRING. BE-CU. HEAT TREATED
BODY PLATING.
30u"/.76u GOLD OVER
50u"/1.27u NICKEL IN CONTACT AREA.
SPRING PLATING. GOLD FLASH
4. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN AT LEFT.
B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER
OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA.
C. SUGGESTED MATING PIN LENGTH .350 $\pm$.020/8.89 $\pm$.51.
- ⑤. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD
FREE OPTION.
- ⑥. THESE PRODUCT MEETS 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.

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	title			
L					angles	linear		BERGCON HORIZ. C.C.			
					0°±2'	.XX±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		DOUBLE ROW, .150/3.81			
					dr	J. LINN	4/10/90	FCI	dwg no		sheet 2 of 6 size
					enr	M. HAHN	4/10/90		66949		A3
					chr	M. HAHN	4/10/90		type		
					appd	M. HAHN	4/10/90		Product Customer Drawing		
sheet	revision										
index	sheet										

form: A3



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PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSULATION PLUG	LEAD FREE OPTION
66949-001	UNASSIGNED				NOTE 5,6
↑ -002	2 X 2	.150/3.81	.300/7.62	NO	
-003	2 X 3	.300/7.62	.450/11.43	↑	
-004	2 X 4	.450/11.43	.600/15.24		
-005	2 X 5	.600/15.24	.750/19.05		
-006	2 X 6	.750/19.05	.900/22.86		
-007	2 X 7	.900/22.86	1.050/26.67		
-008	2 X 8	1.050/26.67	1.200/30.48		
-009	2 X 9	1.200/30.48	1.350/34.29		
-010	2 X 10	1.350/34.29	1.500/38.10		
-011	2 X 11	1.500/38.10	1.650/41.91		
-012	2 X 12	1.650/41.91	1.800/45.72		
-013	2 X 13	1.800/45.72	1.950/49.53		
-014	2 X 14	1.950/49.53	2.100/53.34		
-015	2 X 15	2.100/53.34	2.250/57.15		
-016	2 X 16	2.250/57.15	2.400/60.96		
-017	2 X 17	2.400/60.96	2.550/64.77		
-018	2 X 18	2.550/64.77	2.700/68.58		
-019	2 X 19	2.700/68.58	2.850/72.39		
-020	2 X 20	2.850/72.39	3.000/76.20		
-021	2 X 21	3.000/76.20	3.150/80.01		
-022	2 X 22	3.150/80.01	3.300/83.82		
-023	2 X 23	3.300/83.82	3.450/87.63		
-024	2 X 24	3.450/87.63	3.600/91.44	↓	
66949-025	2 X 25	3.600/91.44	3.750/95.25	NO	NOTE 5,6

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	INCH/MM	title
L					linear .XX±.01/.3	scale 4:1	BERGCON HORIZ. C.C.
					linear .XXX ±.005/.13		DOUBLE ROW,.150/3.81
					0'±2' .XXXX ±.0020/.051		dwg no
					dr J. LINN 4/10/90	FCI	sheet 3 of 6 size
					enr M. HAHN 4/10/90		66949 A3
					chr M. HAHN 4/10/90		type Product Customer Drawing
					appd M. HAHN 4/10/90		
sheet index	revision sheet						

form: A3

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSULATION PLUG	LEAD FREE OPTION
66949-026	2 X 26	3.750/95.25	3.900/99.06	NO	NOTE 5,6
-027	2 X 27	3.900/99.06	4.050/102.87		
-028	2 X 28	4.050/102.87	4.200/106.68		
-029	2 X 29	4.200/106.68	4.350/110.49		
-030	2 X 30	4.350/110.49	4.500/114.30		
-031	2 X 31	4.500/114.30	4.650/118.11		
-032	2 X 32	4.650/118.11	4.800/121.92		
-033	2 X 33	4.800/121.92	4.950/125.73		
-034	2 X 34	4.950/125.73	5.100/129.54		
-035	2 X 35	5.100/129.54	5.250/133.35		
-036	2 X 36	5.250/133.35	5.400/137.16		
-037	2 X 37	5.400/137.16	5.550/140.97		
-038	2 X 38	5.550/140.97	5.700/144.78		
-039	2 X 39	5.700/144.78	5.850/148.59		
-040	2 X 40	5.850/148.59	6.000/152.40		
-041	2 X 41	6.000/152.40	6.150/156.21		
-042	2 X 42	6.150/156.21	6.300/160.02		
66949-043	2 X 43	6.300/160.02	6.450/163.83	NO	

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	 INCH/MM scale 4:1	title
L					angles linear .XX±.01/.3		BERGCON HORIZ. C.C.
					0'±2' .XXX ±.005/.13		DOUBLE ROW,.150/3.81
					.XXXX ±.0020/.051		dwg no sheet 4 of 6 size
				dr	J. LINN 4/10/90		66949 A3
				enr	M. HAHN 4/10/90		
				chr	M. HAHN 4/10/90		
				appd	M. HAHN 4/10/90		
sheet index	revision sheet						type Product Customer Drawing



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PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSULATION PLUG	LEAD FREE OPTION
66949-501	UNASSIGNED				NOTE 5,6
↑ -502	2 X 2	.150/3.81	.300/7.62	YES	
-503	2 X 3	.300/7.62	.450/11.43	↑	
-504	2 X 4	.450/11.43	.600/15.24		
-505	2 X 5	.600/15.24	.750/19.05		
-506	2 X 6	.750/19.05	.900/22.86		
-507	2 X 7	.900/22.86	1.050/26.67		
-508	2 X 8	1.050/26.67	1.200/30.48		
-509	2 X 9	1.200/30.48	1.350/34.29		
-510	2 X 10	1.350/34.29	1.500/38.10		
-511	2 X 11	1.500/38.10	1.650/41.91		
-512	2 X 12	1.650/41.91	1.800/45.72		
-513	2 X 13	1.800/45.72	1.950/49.53		
-514	2 X 14	1.950/49.53	2.100/53.34		
-515	2 X 15	2.100/53.34	2.250/57.15		
-516	2 X 16	2.250/57.15	2.400/60.96		
-517	2 X 17	2.400/60.96	2.550/64.77		
-518	2 X 18	2.550/64.77	2.700/68.58		
-519	2 X 19	2.700/68.58	2.850/72.39		
-520	2 X 20	2.850/72.39	3.000/76.20		
-521	2 X 21	3.000/76.20	3.150/80.01		
-522	2 X 22	3.150/80.01	3.300/83.82		
-523	2 X 23	3.300/83.82	3.450/87.63		
-524	2 X 24	3.450/87.63	3.600/91.44	↓	
66949-525	2 X 25	3.600/91.44	3.750/95.25	YES	NOTE 5,6

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	 INCH/MM scale 4:1 	title
L					angles linear .XX±.01/.3		BERGCON HORIZ. C.C.
					0'±2' .XXX ±.005/.13		DOUBLE ROW,.150/3.81
					.XXXX ±.0020/.051		dwg no sheet5 of 6 size
				dr	J. LINN 4/10/90		66949 A3
				enr	M. HAHN 4/10/90		
				chr	M. HAHN 4/10/90		
				appd	M. HAHN 4/10/90		
sheet index	revision sheet						type Product Customer Drawing

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PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSULATION PLUG	LEAD FREE OPTION
66949-526	2 X 26	3.750/95.25	3.900/99.06	YES	NOTE 5,6
-527	2 X 27	3.900/99.06	4.050/102.87		
-528	2 X 28	4.050/102.87	4.200/106.68		
-529	2 X 29	4.200/106.68	4.350/110.49		
-530	2 X 30	4.350/110.49	4.500/114.30		
-531	2 X 31	4.500/114.30	4.650/118.11		
-532	2 X 32	4.650/118.11	4.800/121.92		
-533	2 X 33	4.800/121.92	4.950/125.73		
-524	2 X 34	4.950/125.73	5.100/129.54		
-535	2 X 35	5.100/129.54	5.250/133.35		
-536	2 X 36	5.250/133.35	5.400/137.16		
-537	2 X 37	5.400/137.16	5.550/140.97		
-538	2 X 38	5.550/140.97	5.700/144.78		
-539	2 X 39	5.700/144.78	5.850/148.59		
-540	2 X 40	5.850/148.59	6.000/152.40		
-541	2 X 41	6.000/152.40	6.150/156.21		
-542	2 X 42	6.150/156.21	6.300/160.02		
66949-543	2 X 43	6.300/160.02	6.450/163.83	YES	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			
L						angles	linear	.XX±.01/.3 .xxx ±.005/.13 0°±2' .xxxx ±.0020/.051	INCH/MM	BERGCON HORIZ. C.C. DOUBLE ROW,.150/3.81			
						dr	J. LINN	4/10/90		dwg no			
						engr	M. HAHN	4/10/90		sheet6 of 6 size			
						chr	M. HAHN	4/10/90		66949 A3			
						appd	M. HAHN	4/10/90		type Product Customer Drawing			
sheet index		revision sheet											