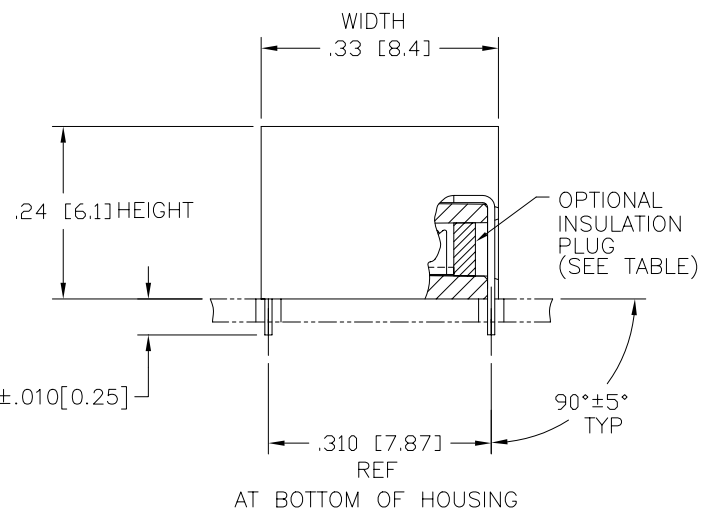
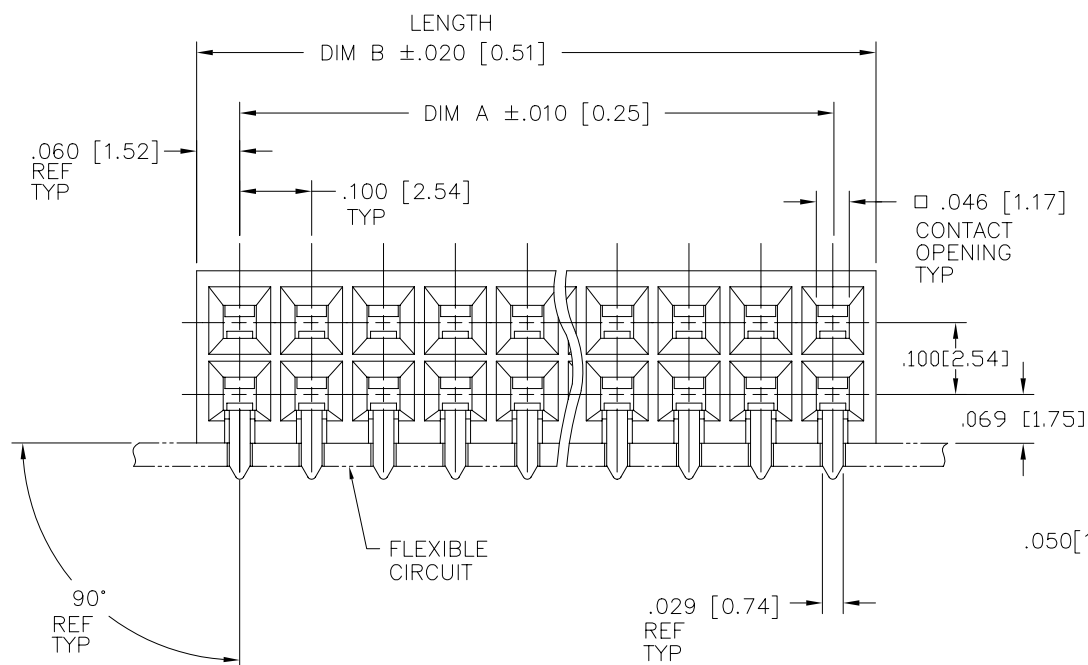
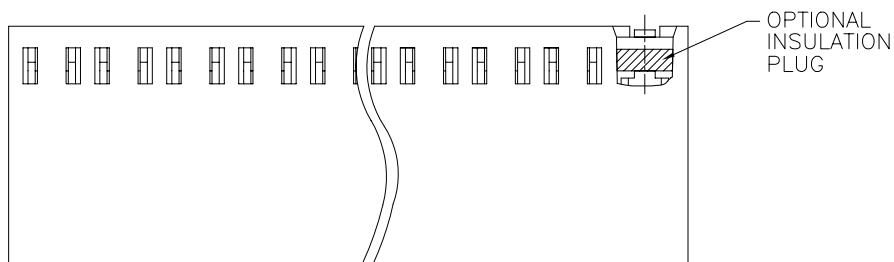




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PRODUCT NO.
SEE TABLE



mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302 ✓		ISO 406 ISO 1101				CARD CONN.			
				tolerances unless otherwise specified						title			
ltr	ecn no	dr	date	angles linear		.XX ±.01/.3				2 x .100 HORIZ. CARD CONN. .050 LEG 15μ" Au			
D	V32194	MSC	2/22/94			.XXX ±.005/.13							
E	V70464	RGD	9/17/97			.XXXX ±.0020/.051							
F	V02386	AZ	10/09/00			σ±2°							
G	M05-0181	MHT	8/20/05	dr	M. CLOUSER	7/12/84				dwg no sheet 1 of 6 size 68431 A3			
H	M06-0117	MN	06/09/06	enrg	K.N. SNIGH	8/30/84							
				chr	H. SUNDY	2/24/94							
				appd	C.A. WILLIAMS	8/30/84							
sheet index		revision sheet		H	H	H	H	H					
				1	2	3	4	5	6				

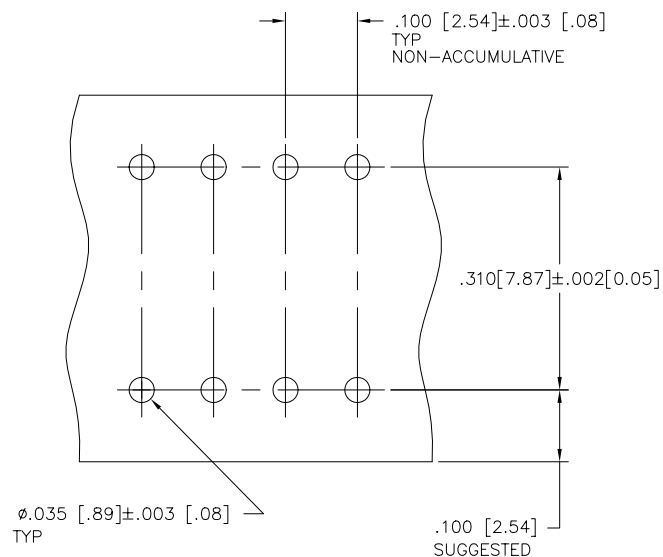
form: A3



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PRODUCT NO.
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NOTES:

1. HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON. COLOR: BLACK.
2. TERMINAL MATERIAL:
BODY: BRASS, .010 [0.25] THICK
SPRING: BE-CU, HEAT TREATED
BODY PLATING:
15 MICROINCH/0.38 MICRON GOLD
OVER 50 MICROINCH/1.27 MICRON NICKEL
IN CONTACT AREA.
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION:
A. RECOMMENDED MOUNTING HOLE
PATTERN IS SHOWN IN FIGURE "1"
B. ALL MATING PINS TO BE
.025 [0.64] SQUARE ON TRUE
CENTER OF GIVEN TERMINAL
SPACINGS WITHIN .015 [0.38] DIA.
- ④ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD
FREE OPTION.
- ⑤ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
6. 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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN.
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 INCH/MM scale 4:1 	title
H					angles linear .XX ±.01/.3		2 x .100 HORIZ. CARD CONN.
					σ±2° .XXX ±.005/.13		.050 LEG 15μ" Au
					σ±2° .XXX ±.0020/.051		
			dr	M. CLOUSER	7/12/84		dwg no
			enr	K.N. SNIGH	8/30/84		sheet 2 of 6
			chr	H. SUNDY	2/24/94		size A3
			app	C.A. WILLIAMS	8/30/84		type Product Customer Drawing
sheet index	revision sheet						

form: A3



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PRODUCT NO.	NO. OF POS.	DIM A ±.010 [0.25]	DIM B ±.020 [0.51]	INSUL. PLUG	LEAD FREE OPTION
68431-001	UNASSIGNED				NOTE 5,6
↑ -002	2X2	.100/2.54	.240/6.10	NO	
-003	2X3	.200/5.08	.340/8.64	↑	
-004	2X4	.300/7.62	.440/11.18		
-005	2X5	.400/10.16	.540/13.72		
-006	2X6	.500/12.70	.640/16.26		
-007	2X7	.600/15.24	.740/18.80		
-008	2X8	.700/17.78	.840/21.34		
-009	2X9	.800/20.32	.940/23.88		
-010	2X10	.900/22.86	1.040/26.42		
-011	2X11	1.000/25.40	1.140/28.96		
-012	2X12	1.100/27.94	1.240/31.50		
-013	2X13	1.200/30.48	1.340/34.04		
-014	2X14	1.300/33.02	1.440/36.58		
-015	2X15	1.400/35.56	1.540/39.12		
-016	2X16	1.500/38.10	1.640/41.66		
-017	2X17	1.600/40.64	1.740/44.20		
-018	2X18	1.700/43.18	1.840/46.74		
-019	2X19	1.800/45.72	1.940/49.28		
-020	2X20	1.900/48.26	2.040/51.82		
-021	2X21	2.000/50.80	2.140/54.36		
-022	2X22	2.100/53.34	2.240/56.90		
-023	2X23	2.200/55.88	2.340/59.44		
-024	2X24	2.300/58.42	2.440/61.98		
-025	2X25	2.400/60.96	2.540/64.52		
-026	2X26	2.500/63.50	2.640/67.06		
-027	2X27	2.600/66.04	2.740/69.60		
-028	2X28	2.700/68.58	2.840/72.14		
-029	2X29	2.800/71.12	2.940/74.68		
-030	2X30	2.900/73.66	3.040/77.22		
-031	2X31	3.000/76.20	3.140/79.76		
-032	2X32	3.100/78.74	3.240/82.30		
-033	2X33	3.200/81.28	3.340/84.84		
-034	2X34	3.300/83.82	3.440/87.38		
-035	2X35	3.400/86.36	3.540/89.92		
-036	2X36	3.500/88.90	3.640/92.46		
-037	2X37	3.600/91.44	3.740/95.00		
-038	2X38	3.700/93.98	3.840/97.54		
↓ -039	2X39	3.800/96.52	3.940/100.08	↓	
68431-040	2X40	3.900/99.06	4.040/102.62	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 scale 4:1	title
H					angles linear .XX ±.01/.3		2 x .100 HORIZ. CARD CONN.
					.XXX ±.005/.13		.050 LEG 15μ" Au
					0°±2° .XXX ±.0020/.051		dwg no
				dr	M. CLOUSER 7/12/84		sheet 3 of 6 size
				enrg	K.N. SNIGH 8/30/84		68431 A3
				chr	H. SUNDY 2/24/94		
				appd	C.A. WILLIAMS 8/30/84		type Product Customer Drawing
sheet index	revision sheet						

form: A3

PRODUCT NO.	NO. OF POS.	DIM A ±.010 [0.25]	DIM B ±.020 [0.51]	INSUL. PLUG	LEAD FREE OPTION
68431-041	2X41	4.000/101.60	4.140/105.16	NO	NOTE 5,6
-042	2X42	4.100/104.14	4.240/107.70		
-043	2X43	4.200/106.68	4.340/110.24		
-044	2X44	4.300/109.22	4.440/112.78		
-045	2X45	4.400/111.76	4.540/115.32		
-046	2X46	4.500/114.30	4.640/117.86		
-047	2X47	4.600/116.84	4.740/120.40		
-048	2X48	4.700/119.38	4.840/122.94		
-049	2X49	4.800/121.92	4.940/125.48		
-050	2X50	4.900/124.46	5.040/128.02		
-051	2X51	5.000/127.00	5.140/130.56		
-052	2X52	5.100/129.54	5.240/133.10		
-053	2X53	5.200/132.08	5.340/135.64		
-054	2X54	5.300/134.62	5.440/138.18		
-055	2X55	5.400/137.16	5.540/140.72		
-056	2X56	5.500/139.70	5.640/143.26		
-057	2X57	5.600/142.24	5.740/145.80		
-058	2X58	5.700/144.78	5.840/148.34		
-059	2X59	5.800/147.32	5.940/150.88		
-060	2X60	5.900/149.86	6.040/153.42		
-061	2X61	6.000/152.40	6.140/155.96		
-062	2X62	6.100/154.94	6.240/158.50		
-063	2X63	6.200/157.48	6.340/161.04		
-064	2X64	6.300/160.02	6.440/163.58		
68431-065	2X65	6.400/162.56	6.540/166.12	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		title
H					angles linear .XX ±.01/.3		2 x .100 HORIZ. CARD CONN.
					.XXX ±.005/.13		.050 LEG 15μ" Au
					0°±2° .XXX ±.0020/.051	scale 4:1	dwg no
				dr	M. CLOUSER 7/12/84		sheet 4 of 6 size
				enr	K.N. SNIGH 8/30/84		68431 A3
				chr	H. SUNDY 2/24/94		
				app	C.A. WILLIAMS 8/30/84		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NO.	NO. OF POS.	DIM A ±.010 [0.25]	DIM B ±.020 [0.51]	INSUL. PLUG	LEAD FREE OPTION
68431-501	UNASSIGNED				NOTE 5,6
-502	2X2	.100/2.54	.240/6.10	YES	
-503	2X3	.200/5.08	.340/8.64		
-504	2X4	.300/7.62	.440/11.18		
-505	2X5	.400/10.16	.540/13.72		
-506	2X6	.500/12.70	.640/16.26		
-507	2X7	.600/15.24	.740/18.80		
-508	2X8	.700/17.78	.840/21.34		
-509	2X9	.800/20.32	.940/23.88		
-510	2X10	.900/22.86	1.040/26.42		
-511	2X11	1.000/25.40	1.140/28.96		
-512	2X12	1.100/27.94	1.240/31.50		
-513	2X13	1.200/30.48	1.340/34.04		
-514	2X14	1.300/33.02	1.440/36.58		
-515	2X15	1.400/35.56	1.540/39.12		
-516	2X16	1.500/38.10	1.640/41.66		
-517	2X17	1.600/40.64	1.740/44.20		
-518	2X18	1.700/43.18	1.840/46.74		
-519	2X19	1.800/45.72	1.940/49.28		
-520	2X20	1.900/48.26	2.040/51.82		
-521	2X21	2.000/50.80	2.140/54.36		
-522	2X22	2.100/53.34	2.240/56.90		
-523	2X23	2.200/55.88	2.340/59.44		
-524	2X24	2.300/58.42	2.440/61.98		
-525	2X25	2.400/60.96	2.540/64.52		
-526	2X26	2.500/63.50	2.640/67.06		
-527	2X27	2.600/66.04	2.740/69.60		
-528	2X28	2.700/68.58	2.840/72.14		
-529	2X29	2.800/71.12	2.940/74.68		
-530	2X30	2.900/73.66	3.040/77.22		
-531	2X31	3.000/76.20	3.140/79.76		
-532	2X32	3.100/78.74	3.240/82.30		
-533	2X33	3.200/81.28	3.340/84.84		
-534	2X34	3.300/83.82	3.440/87.38		
-535	2X35	3.400/86.36	3.540/89.92		
-536	2X36	3.500/88.90	3.640/92.46		
-537	2X37	3.600/91.44	3.740/95.00		
-538	2X38	3.700/93.98	3.840/97.54		
-539	2X39	3.800/96.52	3.940/100.08		
68431-540	2X40	3.900/99.06	4.040/102.62	YES	NOTE 5,6

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 4:1	title
H					angles linear .XX ±.01/.3 .XXX ±.005/.13 0°±2' .XXX ±.0020/.051		2 x .100 HORIZ. CARD CONN. .050 LEG 15μ" Au
			dr	M. CLOUSER	7/12/84		dwg no
			enrg	K.N. SNIGH	8/30/84		sheet5 of 6 size
			chr	H. SUNDY	2/24/94		68431 A3
			appd	C.A. WILLIAMS	8/30/84		type Product Customer Drawing
sheet index	revision sheet						

form: A3



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form: A3

PRODUCT NO.	NO. OF POS.	DIM A ±.010 [0.25]	DIM B ±.020 [0.51]	INSUL. PLUG	LEAD FREE OPTION
68431-541	2X41	4.000/101.60	4.140/105.16	YES	NOTE 5,6
-542	2X42	4.100/104.14	4.240/107.70		
-543	2X43	4.200/106.68	4.340/110.24		
-544	2X44	4.300/109.22	4.440/112.78		
-545	2X45	4.400/111.76	4.540/115.32		
-546	2X46	4.500/114.30	4.640/117.86		
-547	2X47	4.600/116.84	4.740/120.40		
-548	2X48	4.700/119.38	4.840/122.94		
-549	2X49	4.800/121.92	4.940/125.48		
-550	2X50	4.900/124.46	5.040/128.02		
-551	2X51	5.000/127.00	5.140/130.56		
-552	2X52	5.100/129.54	5.240/133.10		
-553	2X53	5.200/132.08	5.340/135.64		
-554	2X54	5.300/134.62	5.440/138.18		
-555	2X55	5.400/137.16	5.540/140.72		
-556	2X56	5.500/139.70	5.640/143.26		
-557	2X57	5.600/142.24	5.740/145.80		
-558	2X58	5.700/144.78	5.840/148.34		
-559	2X59	5.800/147.32	5.940/150.88		
-560	2X60	5.900/149.86	6.040/153.42		
-561	2X61	6.000/152.40	6.140/155.96		
-562	2X62	6.100/154.94	6.240/158.50		
-563	2X63	6.200/157.48	6.340/161.04		
-564	2X64	6.300/160.02	6.440/163.58		
68431-565	2X65	6.400/162.56	6.540/166.12	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	 INCH/MM scale 4:1	title
H					angles linear .XX ±.01/.3		2 x .100 HORIZ. CARD CONN.
					linear .XXX ±.005/.13		.050 LEG 15μ" Au
					0°±2° .XXX ±.0020/.051		dwg no
				dr	M. CLOUSER 7/12/84		sheet6 of 6 size
				enr	K.N. SNIGH 8/30/84		68431 A3
				chr	H. SUNDY 2/24/94		
				app	C.A. WILLIAMS 8/30/84		
sheet index	revision sheet						type Product Customer Drawing