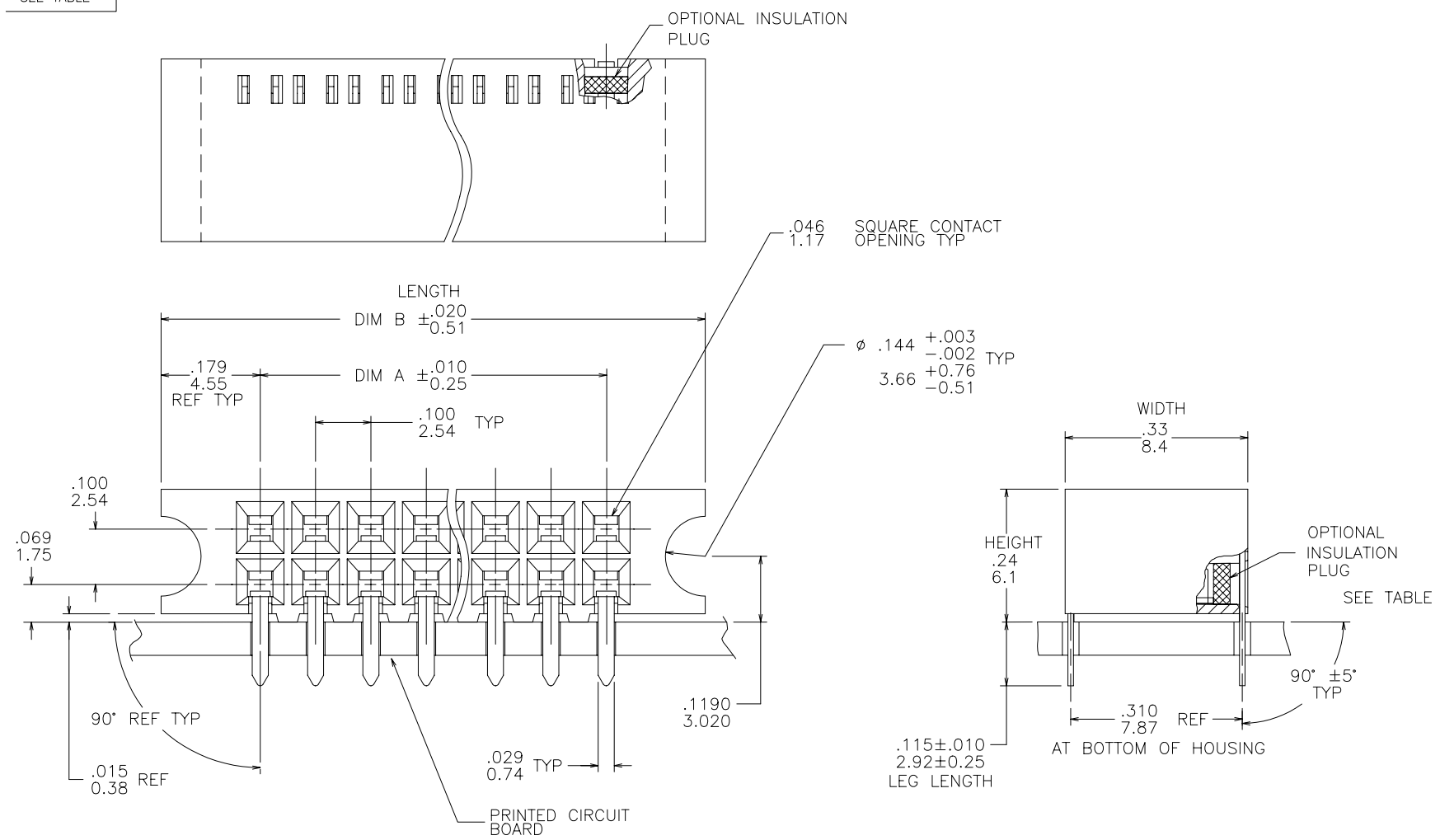
PRODUCT NO.
SEE TABLE



| | | |

PRODUCT NO.
SEE TABLE

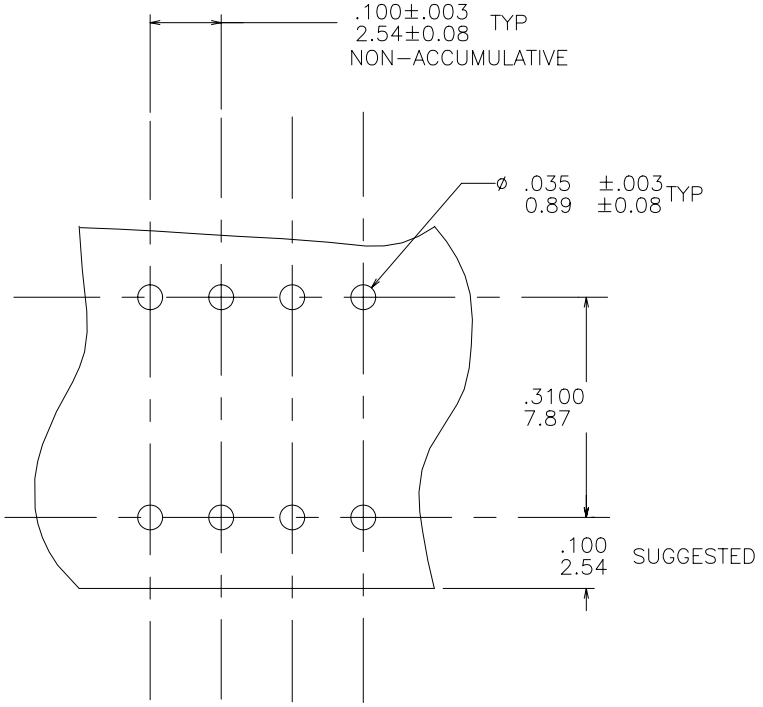


FIGURE 1

NOTES:

1. HOUSING MATERIAL:
   FILLED HIGH TEMPERATURE NYLON
   PER UL 94V–0
   COLOR: BLACK

2. TERMINAL MATERIAL:
   BODY: BRASS. .010/0.25 THICK
   SPRING: BE–CU. HEAT TREATED
   BODY PLATING :
   15 MICROINCH GOLD/0.38 MICRON GOLD
   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/.64 SQUARE ON
   TRUE CENTER OF GIVEN TERMINAL
   SPACINGS WITHIN .015/0.38 DIA.
   C. SUGGESTED MATING PIN LENGTH
   .350±.020/8.89±0.51

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

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	ecn no	dr	date
J			

tolerances unless otherwise specified

angles 0°±2°

linear .XX±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051

INCH/MM

scale 4:1

title: GUIDE PIN CARD CONNECTOR

dr	J. SHREINER	3/13/91
engr	M. HAHN	3/13/91
chr	M. HAHN	3/13/91
appd	M. HAHN	3/13/91

dwg no 67683 sheet 2 of 6 size A3

type Product Customer Drawing

sheet index	revision sheet

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form: A3

PDM: Rev:J STATUS:Released Printed: Dec 12, 2008

PRODUCT NO.	NO. OF POS.	A DIM	B DIM	INSUL. PLUG	LEAD FREE OPTION
67683–001	UNAVAILABLE				NOTE 5,6
–002	2X2	.100/2.54	.458/11.63	NO	
–003	2X3	.200/5.08	.558/14.17		
–004	2X4	.300/7.62	.658/16.71		
–005	2X5	.400/10.16	.758/19.25		
–006	2X6	.500/12.70	.858/21.79		
–007	2X7	.600/15.24	.958/24.33		
–008	2X8	.700/17.78	1.058/26.87		
–009	2X9	.800/20.32	1.158/29.41		
–010	2X10	.900/22.86	1.258/31.95		
–011	2X11	1.000/25.4	1.358/34.49		
–012	2X12	1.100/27.94	1.458/37.03		
–013	2X13	1.200/30.48	1.558/39.57		
–014	2X14	1.300/33.02	1.658/42.11		
–015	2X15	1.400/35.56	1.758/44.65		
–016	2X16	1.500/38.10	1.858/47.19		
–017	2X17	1.600/40.64	1.958/49.73		
–018	2X18	1.700/43.18	2.058/52.27		
–019	2X19	1.800/45.72	2.158/54.81		
–020	2X20	1.900/48.26	2.258/57.35		
–021	2X21	2.000/50.80	2.358/59.89		
–022	2X22	2.100/53.34	2.458/62.43		
–023	2X23	2.200/55.88	2.558/64.97		
–024	2X24	2.300/58.42	2.658/67.51		
–025	2X25	2.400/60.96	2.758/70.05		
–026	2X26	2.500/63.50	2.858/72.59		
–027	2X27	2.600/66.04	2.958/75.13		
–028	2X28	2.700/68.58	3.058/77.67		
–029	2X29	2.800/71.12	3.158/80.21		
–030	2X30	2.900/73.66	3.258/82.75		
–031	2X31	3.000/76.20	3.358/85.29		
–032	2X32	3.100/78.74	3.458/87.83		
–033	2X33	3.200/81.28	3.558/90.37		
–034	2X34	3.300/83.82	3.658/92.91		
–035	2X35	3.400/86.36	3.758/95.45		
–036	2X36	3.500/88.90	3.858/97.99		
–037	2X37	3.600/91.44	3.958/100.53		
–038	2X38	3.700/93.98	4.058/103.07		
–039	2X39	3.800/96.52	4.158/105.61		
67683–040	2X40	3.900/99.60	4.258/108.15	NO	NOTE 5,6

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mat'l. code	surface	tolerance	projection	product family
–	ISO 1302	ISO 406 ISO 1101		CARD CONN

ltr	ecn no	dr	date
J			

tolerances unless otherwise specified

angles: 0°±2°

linear: .XX±.01/.3; .XXX ±.005/.13; .XXXX ±.0020/.051

INCH/MM

scale 4:1

dr	J. SHREINER	3/13/91
engr	M. HAHN	3/13/91
chr	M. HAHN	3/13/91
appd	M. HAHN	3/13/91

title: GUIDE PIN CARD CONNECTOR

dwg no 67683 | sheet 3 of 6 | size A3

type: Product Customer Drawing

sheet index | revision sheet

form: A3

PDM: Rev:J STATUS:Released Printed: Dec 12, 2008

PRODUCT NO.	NO. OF POS.	A DIM	B DIM	INSULATION PLUG	LEAD FREE OPTION
67683-041	2X41	4.00/101.6	4.358/110.69	NO	NOTE 5,6
-042	2X42	4.10/104.1	4.458/113.23		
-043	2X43	4.20/106.6	4.558/115.77		
-044	2X44	4.30/109.2	4.658/118.31		
-045	2X45	4.40/111.7	4.758/120.85		
-046	2X46	4.50/114.3	4.858/123.39		
-047	2X47	4.60/116.8	4.958/125.93		
-048	2X48	4.70/119.3	5.058/128.47		
-049	2X49	4.80/121.9	5.158/131.01		
-050	2X50	4.90/124.4	5.258/133.55		
-051	2X51	5.00/127.0	5.358/136.09		
-052	2X52	5.10/129.5	5.458/138.63		
-053	2X53	5.20/132.0	5.558/141.17		
-054	2X54	5.30/134.6	5.658/143.71		
-055	2X55	5.40/137.1	5.758/146.25		
-056	2X56	5.50/139.7	5.858/148.79		
-057	2X57	5.60/142.2	5.958/151.33		
-058	2X58	5.70/144.7	6.058/153.87		
-059	2X59	5.80/147.3	6.158/156.41		
-060	2X60	5.90/149.8	6.258/158.95		
-061	2X61	6.00/152.4	6.358/161.49		
-062	2X62	6.10/154.9	6.458/164.03		
-063	2X63	6.20/157.4	6.558/166.57		
-064	2X64	6.30/160.0	6.658/169.11		
67683-065	2X65	6.40/162.5	6.758/171.65	NO	
~~-066 THRU -100~~					OBSOLETE NOTE 5,6

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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
J				angles 0°±2°	linear .XX±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051	INCH/MM scale 4:1	GUIDE PIN CARD CONNECTOR
				dr J. SHREINER 3/13/91			dwg no 67683 sheet 4 of 6 size A3
				engr M. HAHN 3/13/91			
				chr M. HAHN 3/13/91			
				appd M. HAHN 3/13/91			type Product Customer Drawing
sheet index	revision sheet						

form: A3

PDM: Rev:J STATUS:Released Printed: Dec 12, 2008

PRODUCT NO.	NO. OF POS.	A DIM	B DIM	INSUL. PLUG	LEAD FREE OPTION
67683–501	UNAVAILABLE				NOTE 5,6
–502	2X2	.100/2.54	.458/11.63	YES	
–503	2X3	.200/5.08	.558/14.17		
–504	2X4	.300/7.62	.658/16.71		
–505	2X5	.400/10.16	.758/19.25		
–506	2X6	.500/12.70	.858/21.79		
–507	2X7	.600/15.24	.958/24.33		
–508	2X8	.700/17.78	1.058/26.87		
–509	2X9	.800/20.32	1.158/29.41		
–510	2X10	.900/22.86	1.258/31.95		
–511	2X11	1.000/25.4	1.358/34.49		
–512	2X12	1.100/27.94	1.458/37.03		
–513	2X13	1.200/30.48	1.558/39.57		
–514	2X14	1.300/33.02	1.658/42.11		
–515	2X15	1.400/35.56	1.758/44.65		
–516	2X16	1.500/38.10	1.858/47.19		
–517	2X17	1.600/40.64	1.958/49.73		
–518	2X18	1.700/43.18	2.058/52.27		
–519	2X19	1.800/45.72	2.158/54.81		
–520	2X20	1.900/48.26	2.258/57.35		
–521	2X21	2.000/50.80	2.358/59.89		
–522	2X22	2.100/53.34	2.458/62.43		
–523	2X23	2.200/55.88	2.558/64.97		
–524	2X24	2.300/58.42	2.658/67.51		
–525	2X25	2.400/60.96	2.758/70.05		
–526	2X26	2.500/63.50	2.858/72.59		
–527	2X27	2.600/66.04	2.958/75.13		
–528	2X28	2.700/68.58	3.058/77.67		
–529	2X29	2.800/71.12	3.158/80.21		
–530	2X30	2.900/73.66	3.258/82.75		
–531	2X31	3.000/76.20	3.358/85.29		
–532	2X32	3.100/78.74	3.458/87.83		
–533	2X33	3.200/81.28	3.558/90.37		
–534	2X34	3.300/83.82	3.658/92.91		
–535	2X35	3.400/86.36	3.758/95.45		
–536	2X36	3.500/88.90	3.858/97.99		
–537	2X37	3.600/91.44	3.958/100.53		
–538	2X38	3.700/93.98	4.058/103.07		
–539	2X39	3.800/96.52	4.158/105.61		
67683–540	2X40	3.900/99.60	4.258/108.15	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
J			

tolerances unless otherwise specified

angles: 0°±2°

linear: .XX±.01/.3; .XXX ±.005/.13; .XXXX ±.0020/.051

INCH/MM

scale 4:1

dr	J. SHREINER	3/13/91
engr	M. HAHN	3/13/91
chr	M. HAHN	3/13/91
appd	M. HAHN	3/13/91

title: GUIDE PIN CARD CONNECTOR

dwg no 67683 | sheet 5 of 6 | size A3

type Product Customer Drawing

sheet index | revision sheet

form: A3

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PRODUCT NO.	NO. OF POS.	A DIM	B DIM	INSULATION PLUG	LEAD FREE OPTION
67683-541	2X41	4.00/101.6	4.358/110.69	YES	NOTE 5,6
-542	2X42	4.10/104.1	4.458/113.23		
-543	2X43	4.20/106.6	4.558/115.77		
-544	2X44	4.30/109.2	4.658/118.31		
-545	2X45	4.40/111.7	4.758/120.85		
-546	2X46	4.50/114.3	4.858/123.39		
-547	2X47	4.60/116.8	4.958/125.93		
-548	2X48	4.70/119.3	5.058/128.47		
-549	2X49	4.80/121.9	5.158/131.01		
-550	2X50	4.90/124.4	5.258/133.55		
-551	2X51	5.00/127.0	5.358/136.09		
-552	2X52	5.10/129.5	5.458/138.63		
-553	2X53	5.20/132.0	5.558/141.17		
-554	2X54	5.30/134.6	5.658/143.71		
-555	2X55	5.40/137.1	5.758/146.25		
-556	2X56	5.50/139.7	5.858/148.79		
-557	2X57	5.60/142.2	5.958/151.33		
-558	2X58	5.70/144.7	6.058/153.87		
-559	2X59	5.80/147.3	6.158/156.41		
-560	2X60	5.90/149.8	6.258/158.95		
-561	2X61	6.00/152.4	6.358/161.49		
-562	2X62	6.10/154.9	6.458/164.03		
-563	2X63	6.20/157.4	6.558/166.57		
-564	2X64	6.30/160.0	6.658/169.11		
67683-565	2X65	6.40/162.5	6.758/171.65	YES	
~~566 THRU 600~~					NOTE 5,6 OBSOLETE

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mat'l. code: –	surface: ISO 1302	tolerance: ISO 406, ISO 1101	projection
ltr: J	tolerances unless otherwise specified		
angles: 0°±2°	linear: .XX±.01/.3, .XXX ±.005/.13, .XXXX ±.0020/.051		INCH/MM
			scale 4:1
dr: J. SHREINER 3/13/91			
engr: M. HAHN 3/13/91			
chr: M. HAHN 3/13/91			
appd: M. HAHN 3/13/91			

product family: CARD CONN

title: GUIDE PIN CARD CONNECTOR

dwg no: 67683 | sheet 6 of 6 | size: A3

type: Product Customer Drawing

sheet index | revision sheet

form: A3

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