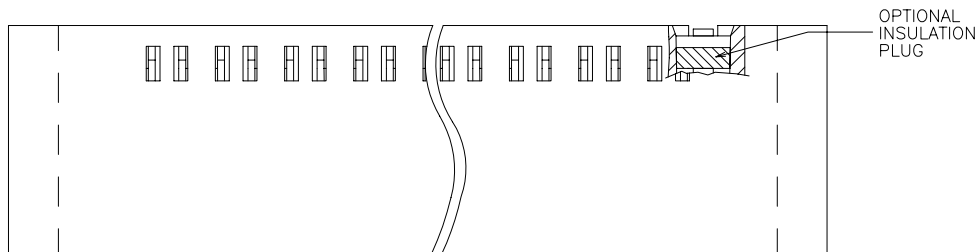


PRODUCT NO.
SEE TABLE



OPTIONAL
INSULATION
PLUG

LENGTH

DIM. B ± 0.020
 ± 0.51

DIM. A ± 0.010
 ± 0.25

.179
4.55
REF
TYP

.100
2.54
TYP

□ 1.17
CONTACT
OPENING
TYP

.100 [2.54]

.015
0.38
REF

90°
REF
TYP

PRINTED
CIRCUIT
BOARD

.0290
0.74
REF
TYP

$\phi .144 + .003$
 $-.002$
 $3.66 + .76$
 $-.51$
TYP

.069 [1.76]

.115 ± 0.010
2.92 ± 0.25

WIDTH

.33
8.38

HEIGHT
.24
6.1

OPTIONAL
INSULATION
PLUG
SEE TABLE

90° $\pm 5^\circ$
TYP

AT BOTTOM OF HOUSING

.310
7.87
REF

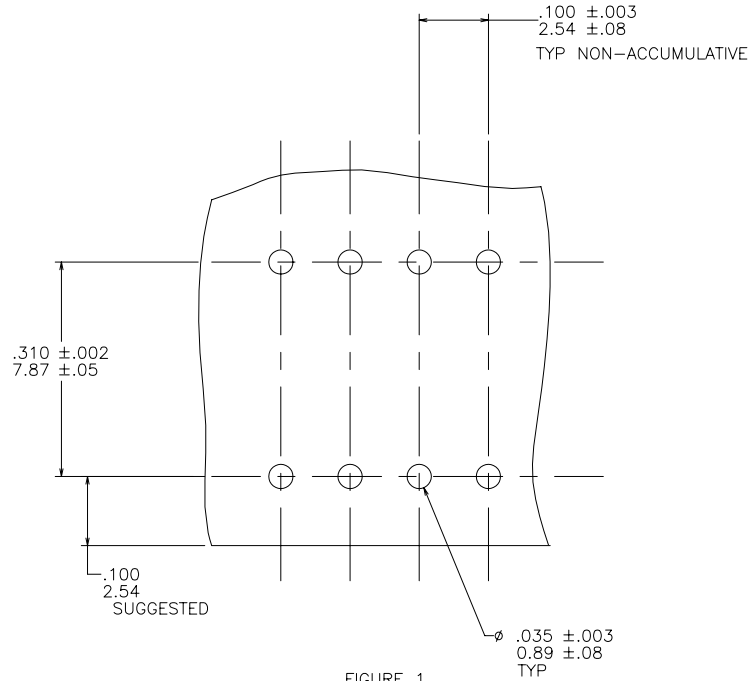
mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN							
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title							
H	V61635	MDF	11/21/96	angles linear	.XX±.01/.13 .XXX ±.005/.13 XXXX ±.0020/.051					INCH/MM scale 4:1		GUIDE PIN CARD CONNECTOR					
J	V61635	MDF	11/21/96														
K	V70999	LSS	12/11/97														
L	V02386	AZ	10/05/00	dr	L. SANDERS	12/11/97		dwg no		sheet 1 of 6		size					
M	M05-0181	MHT	8/22/05	enrg	H. SUNDY	12/11/97		67477		A3							
N	M06-0117	AEA	06/26/06	chr	H. SUNDY	12/11/97		type Product Customer Drawing									
P	M07-0137	MHT	2/26/07	appd	H. SUNDY	12/11/97											
sheet	revision	P	P	P	P	P	P										
index	sheet	1	2	3	4	5	6										

form: A3



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FIGURE 1
SCALE 10/1

1. HOUSING MATERIAL.
FILLED HIGH TEMPERATURE NYLON
PER UL 94V-0
COLOR: BLACK
2. TERMINAL MATERIAL.
BODY: BRASS. .010/.25 THICK.
SPRING: BE-CU. HEAT TREATED
BODY PLATING:
40 MICROINCH / 1.02 MICRON GOLD
OVER 50 MICROINCH / 1.27 MICRON NICKEL IN CONTACT AREA.
SOLDER TAIL: 100u"/2.54u" PURE TIN (MOTE 8) OVER 50u"/1.27 Ni.
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG."1".
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±.020/8.89±.51.
- ④. TERMINAL MATERIAL:
BODY: BRASS. .010/.25 THICK.
SPRING: BE-CU. HEAT TREATED
BODY PLATING:
40 MICROINCH / 1.02 MICRON GOLD
OVER 50 MICROINCH / 1.27 MICRON NICKEL IN CONTACT AREA.
SOLDER TAIL: GOLD FLASH OVER 50u"/1.27u Ni.1.27 Ni.
SPRING PLATING: GOLD FLASH
- 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.
- ⑧. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WISKER GROWTH IN ALL INTERCONNECT REQUIREMENTS

mat'l. code —				surface ☒ tolerance ISO 1302 ☒ ISO 406 ISO 1101		projection 		product family CARD CONN				
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title			
P					angles	linear	.XX±.01/3	INCH/MM GUIDE PIN CARD CONNECTOR				
					0'±2'		.xxx ±.005/.13					
							.xxx ±.0020/.051					
					dr	L. SANDERS	12/11/97		dwg no		sheet2 of 6	size
					enr	H. SUNDY	12/11/97		67477		A3	
					chr	H. SUNDY	12/11/97					
					appd	H. SUNDY	12/11/97					
sheet index		revision sheet							type Product Customer Drawing			

form: A3



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PRODUCT NO.	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
67477-001	2X1	.00/.0	.358/9.09	NO	NOTE 6,7
-002	2X2	.10/2.5	.458/11.63	NO	
-003	2X3	.20/5.0	.558/14.17	NO	
-004	2X4	.30/7.6	.658/16.71	NO	
-005	2X5	.40/10.1	.758/19.25		
-006	2X6	.50/12.7	.858/21.79		
-007	2X7	.60/15.2	.958/24.33		
-008	2X8	.70/17.7	1.058/26.87		
-009	2X9	.80/20.3	1.158/29.41		
-010	2X10	.90/22.8	1.258/31.95		
-011	2X11	1.00/25.4	1.358/34.49		
-012	2X12	1.10/27.9	1.458/37.03		
-013	2X13	1.20/30.4	1.558/39.57		
-014	2X14	1.30/33.0	1.658/42.11		
-015	2X15	1.40/35.5	1.758/44.65		
-016	2X16	1.50/38.1	1.858/47.19		
-017	2X17	1.60/40.6	1.958/49.73		
-018	2X18	1.70/43.1	2.058/52.27		
-019	2X19	1.80/45.7	2.158/54.81		
-020	2X20	1.90/48.2	2.258/57.35		
-021	2X21	2.00/50.8	2.358/59.89		
-022	2X22	2.10/53.3	2.458/62.43		
-023	2X23	2.20/55.8	2.558/64.97		
-024	2X24	2.30/58.4	2.658/67.51		
-025	2X25	2.40/60.9	2.758/70.05		
-026	2X26	2.50/63.5	2.858/72.59		
-027	2X27	2.60/66.0	2.958/75.13		
-028	2X28	2.70/68.5	3.058/77.67		
-029	2X29	2.80/71.1	3.158/80.21		
-030	2X30	2.90/73.6	3.258/82.75		
-031	2X31	3.00/76.2	3.358/85.29		
-032	2X32	3.10/78.7	3.458/87.83		
-033	2X33	3.20/81.2	3.558/90.37		
-034	2X34	3.30/83.8	3.658/92.91		
-035	2X35	3.40/86.3	3.758/95.45		
-036	2X36	3.50/88.9	3.858/97.99		
-037	2X37	3.60/91.4	3.958/100.53		
-038	2X38	3.70/93.9	4.058/103.07		
-039	2X39	3.80/96.5	4.158/105.61		
67477-040	2X40	3.90/99.0	4.258/108.15	NO	NOTE 6,7

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 GUIDE PIN CARD CONNECTOR
P					angles linear .XX±.01/.3		
					.XXX ±.005/.13		
					0'±2' .XXX ±.0020/.051		
				dr	L. SANDERS 12/11/97		dwg no 67477
				enr	H. SUNDY 12/11/97		
				chr	H. SUNDY 12/11/97		
				app	H. SUNDY 12/11/97		
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
67477-041	2X41	4.00/101.6	4.358/110.69	NO	NOTE 6,7
-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		
67477-065	2X65	6.40/162.5	6.758/171.65	NO	NOTE 6,7
-066 THRU					
-100					

OBSOLETE

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
P					angles linear .XX±.01/.3 .XXX ±.005/.13 0'±2' .XXX ±.0020/.051		GUIDE PIN CARD CONNECTOR
				dr	L. SANDERS 12/11/97	scale 4:1	dwg no
				enr	H. SUNDY 12/11/97		sheet 4 of 6 size
				chr	H. SUNDY 12/11/97		67477 A3
				appd	H. SUNDY 12/11/97		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NO.	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION	
67477-501	2X1	.00/.0	.358/9.09	YES	NOTE 6,7	UNASSIGNED
-502	2X2	.10/2.5	.458/11.63	YES		OBSOLETE
-503	2X3	.20/5.0	.558/14.17	YES		OBSOLETE
-504	2X4	.30/7.6	.658/16.71	YES		NOTE 5
-505	2X5	.40/10.1	.758/19.25			
-506	2X6	.50/12.7	.858/21.79			
-507	2X7	.60/15.2	.958/24.33			
-508	2X8	.70/17.7	1.058/26.87			
-509	2X9	.80/20.3	1.158/29.41			
-510	2X10	.90/22.8	1.258/31.95			
-511	2X11	1.00/25.4	1.358/34.49			
-512	2X12	1.10/27.9	1.458/37.03			
-513	2X13	1.20/30.4	1.558/39.57			
-514	2X14	1.30/33.0	1.658/42.11			
-515	2X15	1.40/35.5	1.758/44.65			
-516	2X16	1.50/38.1	1.858/47.19			
-517	2X17	1.60/40.6	1.958/49.73			
-518	2X18	1.70/43.1	2.058/52.27			
-519	2X19	1.80/45.7	2.158/54.81			
-520	2X20	1.90/48.2	2.258/57.35			
-521	2X21	2.00/50.8	2.358/59.89			
-522	2X22	2.10/53.3	2.458/62.43			
-523	2X23	2.20/55.8	2.558/64.97			
-524	2X24	2.30/58.4	2.658/67.51			
-525	2X25	2.40/60.9	2.758/70.05			
-526	2X26	2.50/63.5	2.858/72.59			
-527	2X27	2.60/66.0	2.958/75.13			
-528	2X28	2.70/68.5	3.058/77.67			
-529	2X29	2.80/71.1	3.158/80.21			
-530	2X30	2.90/73.6	3.258/82.75			
-531	2X31	3.00/76.2	3.358/85.29			
-532	2X32	3.10/78.7	3.458/87.83			
-533	2X33	3.20/81.2	3.558/90.37			
-534	2X34	3.30/83.8	3.658/92.91			
-535	2X35	3.40/86.3	3.758/95.45			
-536	2X36	3.50/88.9	3.858/97.99			
-537	2X37	3.60/91.4	3.958/100.53			
-538	2X38	3.70/93.9	4.058/103.07			
-539	2X39	3.80/96.5	4.158/105.61			
67477-540	2X40	3.90/99.0	4.258/108.15	YES	NOTE 6,7	

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		title		
P					angles	linear	GUIDE PIN		
						.XX±.01/.3	CARD CONNECTOR		
					0'±2'	.XXX ±.005/.13	INCH/MM		
						.XXXX ±.0020/.051	scale 4:1		
				dr	L. SANDERS	12/11/97	FCI		
				enr	H. SUNDY	12/11/97	dwg no		
				chr	H. SUNDY	12/11/97	sheet5 of 6 size		
				appd	H. SUNDY	12/11/97	67477 A3		
sheet	revision						type Product Customer Drawing		
index	sheet								

form: A3



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PRODUCT NO.	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
67477-541	2X41	4.00/101.6	4.358/110.69	YES	NOTE 6,7
-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		
67477-565	2X65	6.40/162.5	6.758/171.65	YES	NOTE 6,7
-566 THRU					
-600					

OBSOLETE

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 GUIDE PIN CARD CONNECTOR
P					angles linear .XX±.01/.3		
					0'±2' .XXX ±.005/.13 .XXX ±.0020/.051		
			dr	L. SANDERS	12/11/97		dwg no sheet6 of 6 size 67477 A3
			enr	H. SUNDY	12/11/97		
			chr	H. SUNDY	12/11/97		
			appd	H. SUNDY	12/11/97		type Product Customer Drawing
sheet index	revision sheet						