

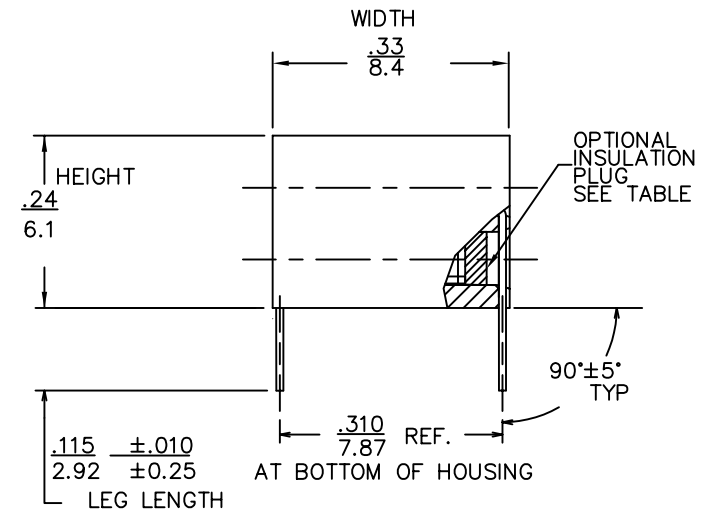
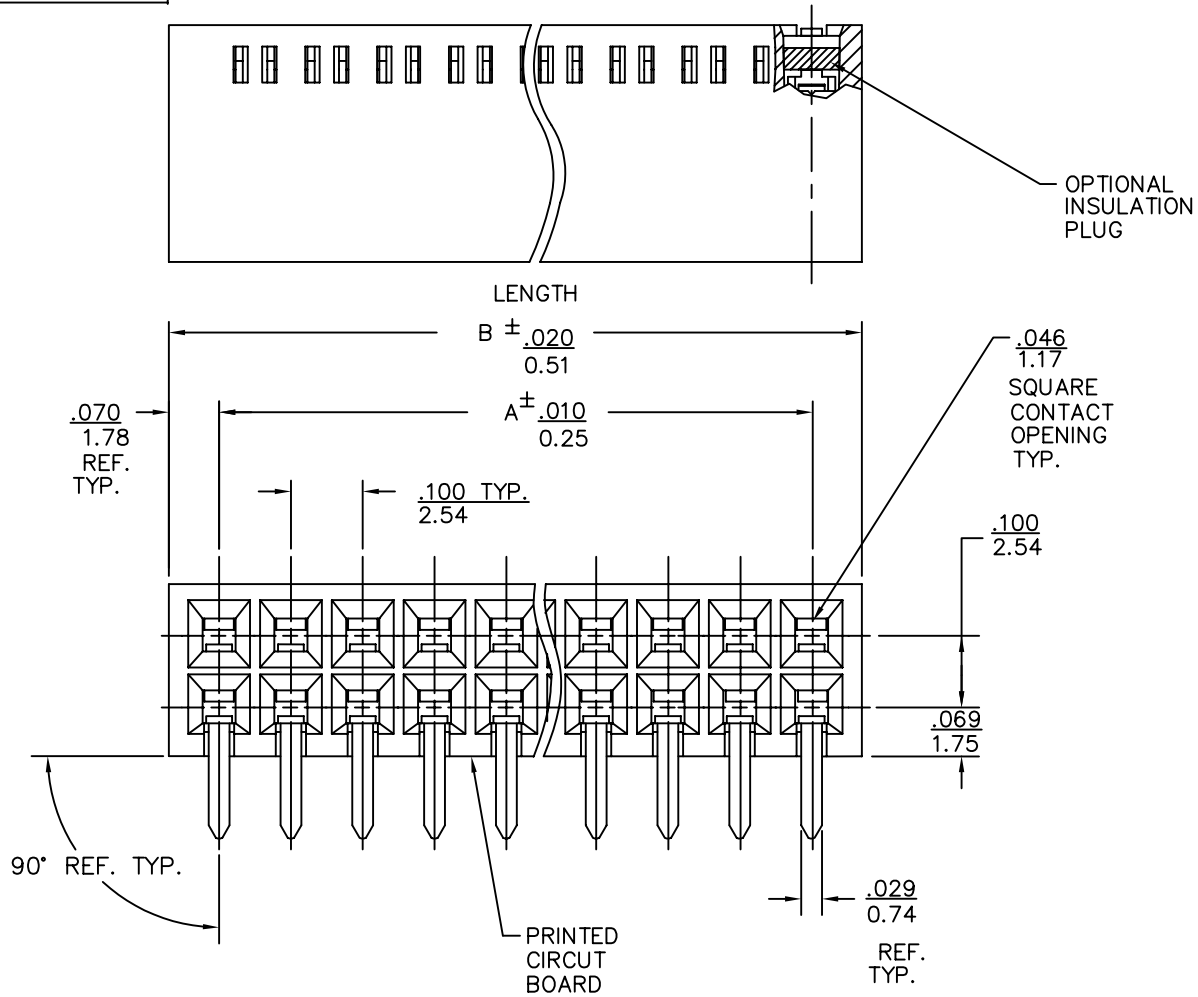


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PRODUCT NO

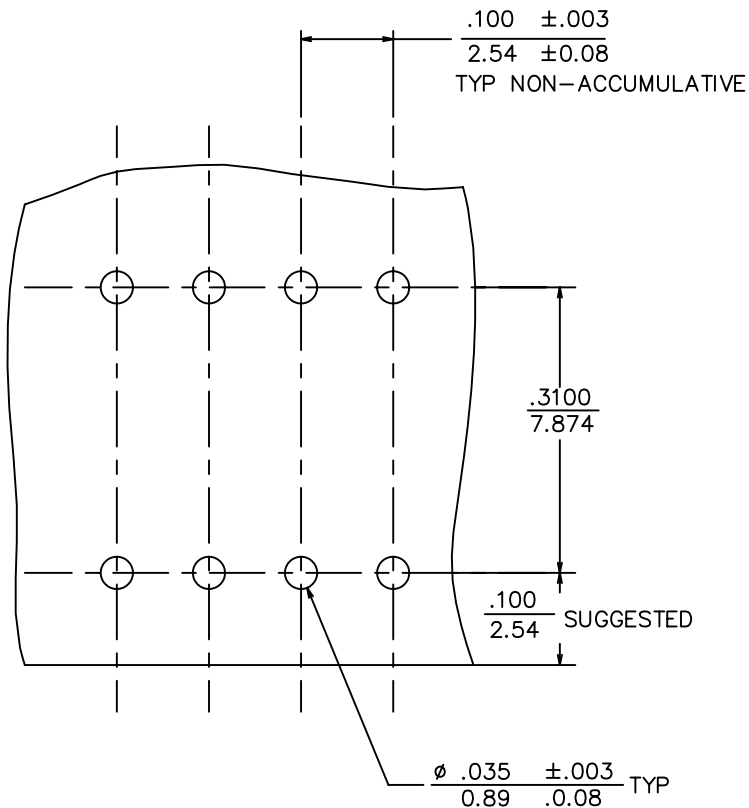
SEE TABLE



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			
P	ELX-N-14417	DCS	2013-02-05		angles	linear	XX±.01/XX±0.3		INCH/MM	2 x .100/2.54 HORIZ.			
							XXXXX.005/XXXX±0.13			CARD CONNECTOR			
J	M05-018	MHT	8/20/05	0°±2°			XXXXX.0020/XXXX±0.05			scale 4:1			
K	M06-0117	AEA	6/26/06	dr	B.	ASHREFI	10/12/81			dwg no		sheet 1 of 6	size
L	M07-0137	MHT	2/26/07	enr	D.	NEIDICH	10/12/81			67117		A3	
M	M08-0232	MHT	8/14/08	chr	D.	NEIDICH	10/12/81						
N	M09-0093	MHT	6/22/09	appd	D.	NEIDICH	10/12/81			type Product Customer Drawing			
sheet index				revision sheet	P	P	P	P		P	P		
					1	2	3	5	5	6			

PRODUCT NO

SEE TABLE

FIGURE 1
SCALE 5/1

- 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
9. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

NOTES.

1. HOUSING MATERIAL.
FILLED HIGH TEMPERATURE NYLON
COLOR: BLACK
2. TERMINAL MATERIAL.
BODY. BRASS .010/0.25 THICK.
SPRING. BE-CU. HEAT TREATED
- (1) BODY PLATING.
30 MICROINCH/0.76 MICRON GOLD OR GXT OVER
50 MICROINCH / 1.27 MICRON NICKEL ON CONTACT AREA
SOLDERTAIL PLATING: .100 MICROINCH/2.54 MICRON PURE TIN (NOTE 8)
OVER 50 MICROINCH/1.27 MICRON NICKEL.
SPRING PLATING. GOLD FLASH
- (2) BODY PLATING.
30 MICROINCH/0.76 MICRON GOLD OVER
50 MICROINCH/1.27 MICRON NICKEL ON CONTACT AREA
SOLDERTAIL PLATING: GOLD FLASH
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG."1".
B. ALL MATING PINS TO BE .025/0.64 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. TERMINAL MATERIAL.
BODY. BRASS .010/0.25 THICK.
SPRING. BE-CU. HEAT TREATED
BODY PLATING.
30 MICROINCH / 0.76 MICRON GOLD OVER
50 MICROINCH/ 1.27 MICRON NICKEL
IN CONTACT AREA
SOLDERTAIL PLATING: 3 MICROINCH /0.076 MICRON GOLD OVER 50 MICROINCH/ 1.27 MICRON NICKEL.
SPRING PLATING. GOLD FLASH

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406 ISO 1101	INCH/MM	CARD CONN
ltr	ecr	no	dr	tolerances unless otherwise specified		INCH/MM scale 4:1	title
P				angles	linear		2 x .100/2.54 HORIZ. CARD CONNECTOR
				0°±2°	.XX±.01/.XX±0.3 .XXX±.005/.XXX±0.13 .XXXX±.0020/.XXXX±0.05		dwg no
				dr	B. ASHREFF		sheet 2 of 6 size
				enrg	D. NEIDICH	FCI	67117
				chr	D. NEIDICH		A3
				appd	D. NEIDICH		type Product Customer Drawing
sheet index	revision						
	sheet						



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PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	PLATING	LEAD FREE OPTION
67117-001	2X1	.00/0	.14/3.56	NO	NOTE 4	NOTE 5,6
-002	2X2	.10/2.54	.24/6.10	NO	NOTE 4	
-003	2X3	.20/5.08	.34/8.64		NOTE 4	
-004	2X4	.30/7.62	.44/11.18		NOTE 4	
-005	2X5	.40/10.16	.54/13.72		NOTE 2(1)	
-006	2X6	.50/12.70	.64/16.26			
-007	2X7	.60/15.24	.74/18.80			
-008	2X8	.70/17.78	.84/21.32			
-009	2X9	.80/20.32	.94/23.88			
-010	2X10	.90/22.86	1.04/26.42			
-011	2X11	1.00/25.40	1.14/28.96			
-012	2X12	1.10/27.94	1.24/31.50			
-013	2X13	1.20/30.48	1.34/34.04			
-014	2X14	1.30/33.02	1.44/36.58			
-015	2X15	1.40/35.56	1.54/39.12			
-016	2X16	1.50/38.10	1.64/41.66			
-017	2X17	1.60/40.64	1.74/44.20			
-018	2X18	1.70/43.18	1.84/46.74			
-019	2X19	1.80/45.72	1.94/49.29			
-020	2X20	1.90/48.26	2.04/51.82			
-021	2X21	2.00/50.80	2.14/54.36			
-022	2X22	2.10/53.34	2.24/56.90			
-023	2X23	2.20/55.88	2.34/59.44			
-024	2X24	2.30/58.42	2.44/61.98			
-025	2X25	2.40/60.96	2.54/64.52			
-026	2X26	2.50/63.50	2.64/67.06			
-027	2X27	2.60/66.04	2.74/69.60			
-028	2X28	2.70/68.58	2.84/72.14			
-029	2X29	2.80/71.12	2.94/74.68			
-030	2X30	2.90/73.66	3.04/77.22			
-031	2X31	3.00/76.20	3.14/79.76			
-032	2X32	3.10/78.74	3.24/82.30			
-033	2X33	3.20/81.28	3.34/84.84			
-034	2X34	3.30/83.82	3.44/87.38			
-035	2X35	3.40/86.36	3.54/89.92			
-036	2X36	3.50/88.90	3/64/92.46			
-037	2X37	3.60/91.44	3.74/95.00			
-038	2X38	3.70/93.88	3.84/97.54			
-039	2X39	3.80/96.52	3.94/100.08			
67117-040	2X40	3.90/99.06	4.04/102.62	NO	NOTE 2(1)	NOTE 5,6

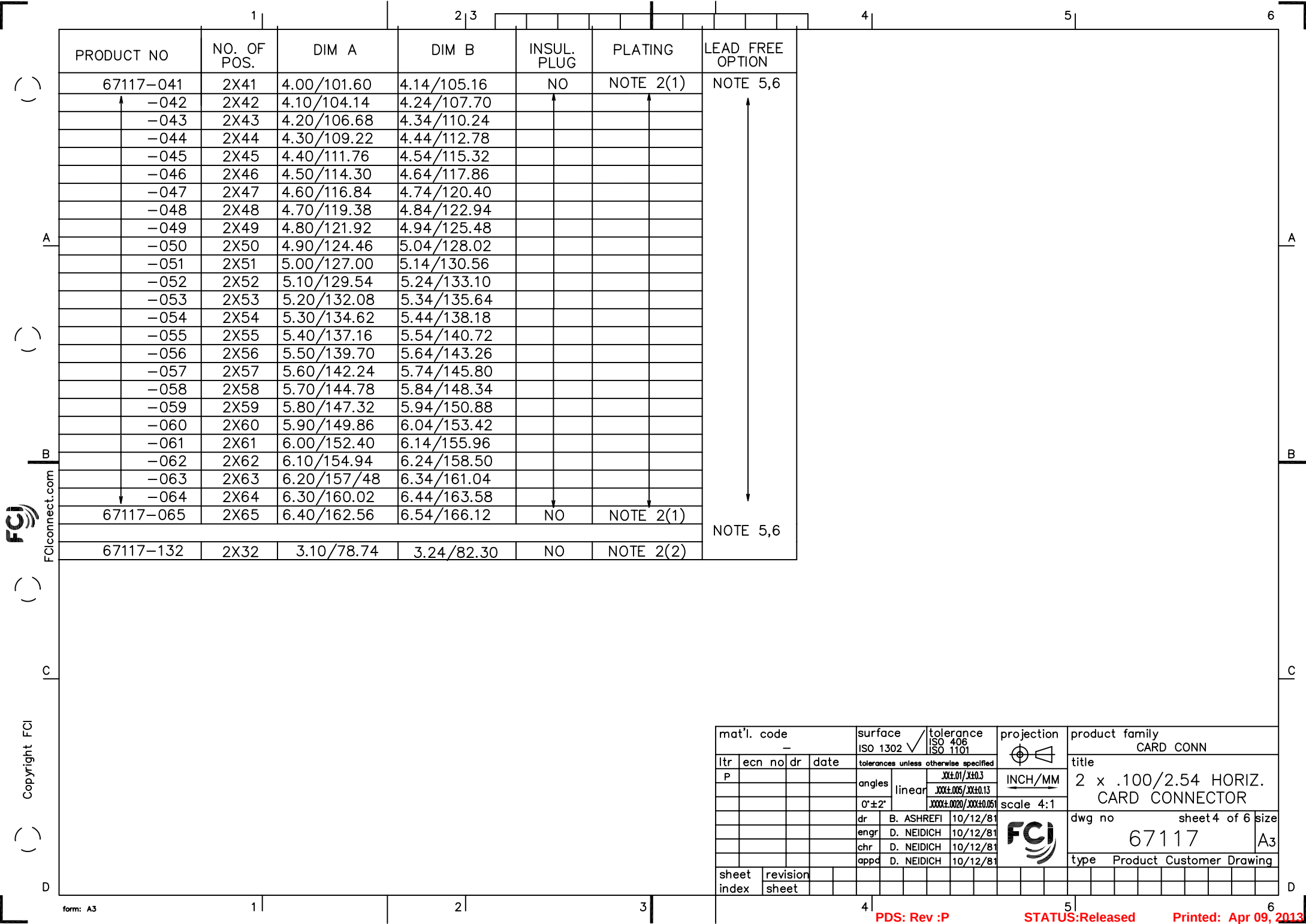
form: A3

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406		INCH/MM		CARD CONN	
ISO 1101		tolerances unless otherwise specified		linear		scale 4:1		title	
P		angles		0°±2°				2 x .100/2.54 HORIZ.	
								CARD CONNECTOR	
								dwg no	
								sheet 3 of 6	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet							

PDS: Rev :P

STATUS:Released

Printed: Apr 09, 2013



1		2		3		4		5		6	
PRODUCT NO		NO. OF POS.		DIM A		DIM B		INSUL. PLUG		PLATING	
67117-041		2X41		4.00/101.60		4.14/105.16		NO		NOTE 2(1)	
-042		2X42		4.10/104.14		4.24/107.70					
-043		2X43		4.20/106.68		4.34/110.24					
-044		2X44		4.30/109.22		4.44/112.78					
-045		2X45		4.40/111.76		4.54/115.32					
-046		2X46		4.50/114.30		4.64/117.86					
-047		2X47		4.60/116.84		4.74/120.40					
-048		2X48		4.70/119.38		4.84/122.94					
-049		2X49		4.80/121.92		4.94/125.48					
-050		2X50		4.90/124.46		5.04/128.02					
-051		2X51		5.00/127.00		5.14/130.56					
-052		2X52		5.10/129.54		5.24/133.10					
-053		2X53		5.20/132.08		5.34/135.64					
-054		2X54		5.30/134.62		5.44/138.18					
-055		2X55		5.40/137.16		5.54/140.72					
-056		2X56		5.50/139.70		5.64/143.26					
-057		2X57		5.60/142.24		5.74/145.80					
-058		2X58		5.70/144.78		5.84/148.34					
-059		2X59		5.80/147.32		5.94/150.88					
-060		2X60		5.90/149.86		6.04/153.42					
-061		2X61		6.00/152.40		6.14/155.96					
-062		2X62		6.10/154.94		6.24/158.50					
-063		2X63		6.20/157/48		6.34/161.04					
-064		2X64		6.30/160.02		6.44/163.58					
67117-065		2X65		6.40/162.56		6.54/166.12		NO		NOTE 2(1)	
67117-132		2X32		3.10/78.74		3.24/82.30		NO		NOTE 2(2)	

		1		2		3		4		5		6	
PRODUCT NO		NO. OF POS.		DIM A		DIM B		INSUL. PLUG		LEAD FREE OPTION			
67117-501		2X1		.00/0		.14/3.56		YES		NOTE 5,6		OBSOLETE	
-502		2X2		.10/2.54		.24/6.10						OBSOLETE	
-503		2X3		.20/5.08		.34/8.64						OBSOLETE	
-504		2X4		.30/7.62		.44/11.18						OBSOLETE	
-505		2X5		.40/10.16		.54/13.72				NOTE 2(1)			
-506		2X6		.60/12.70		.64/16.26							
-507		2X7		.60/15.24		.74/18.80							
-508		2X8		.70/17.78		.84/21.34							
-509		2X9		.80/20.32		.94/23.88							
-510		2X10		.90/22.86		1.04/26.42							
-511		2X11		1.00/25.40		1.14/28.96							
-512		2X12		1.10/27.94		1.24/31.50							
-513		2X13		1.20/30.48		1.34/34.04							
-514		2X14		1.30/33.02		1.44/36.58							
-515		2X15		1.40/35.56		1.54/39.12							
-516		2X16		1.50/38.10		1.64/41.66							
-517		2X17		1.60/40.64		1.74/44.20							
-518		2X18		1.70/43.18		1.84/46.74							
-519		2X19		1.80/45.72		1.94/49.28							
-520		2X20		1.90/48.26		2.04/51.82							
-521		2X21		2.00/50.80		2.14/54.36							
-522		2X22		2.10/53.34		2.24/56.90							
-523		2X23		2.20/55.88		2.34/59.44							
-524		2X24		2.30/58.42		2.44/61.98							
-525		2X25		2.40/60.96		2.54/64.52							
-526		2X26		2.50/63.50		2.64/67.06							
-527		2X27		2.60/66.04		2.74/69.60							
-528		2X28		2.70/68.58		2.84/72.14							
-529		2X29		2.80/71.12		2.94/74.68							
-530		2X30		2.90/73.66		3.04/77.22							
-531		2X31		3.00/76.20		3.14/79.76							
-532		2X32		3.10/78.74		3.24/82.30							
-533		2X33		3.20/81.28		3.34/84.84							
-534		2X34		3.30/83.82		3.44/87.38							
-535		2X35		3.40/86.36		3.54/89.92							
-536		2X36		3.50/88.90		3.64/92.46							
-537		2X37		3.60/91.44		3.74/95.00							
-538		2X38		3.70/93.98		3.84/97.54							
-539		2X39		3.80/96.52		3.94/100.08							
67117-540		2X40		3.90/99.06		4.04/102.62		YES		NOTE 2(1)		NOTE 5,6	

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mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302		ISO 406				CARD CONN			
ltr				ecn no		dr		date		title			
P										2 x .100/2.54 HORIZ. CARD CONNECTOR			
				angles		linear		INCH/MM					
				0°±2°		.XXX±.01/.XXX±.03		scale 4:1					
						.XXX±.005/.XXX±.013							
						.XXX±.0020/.XXX±.0051							
				dr		B. ASHREFI		10/12/81		dwg no			
				enr		D. NEIDICH		10/12/81		sheet 5 of 6 size			
				chr		D. NEIDICH		10/12/81		67117 A3			
				app		D. NEIDICH		10/12/81		type Product Customer Drawing			
sheet index		revision sheet											

form: A3

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PDS: Rev :P

STATUS:Released

Printed: Apr 09, 2013

