

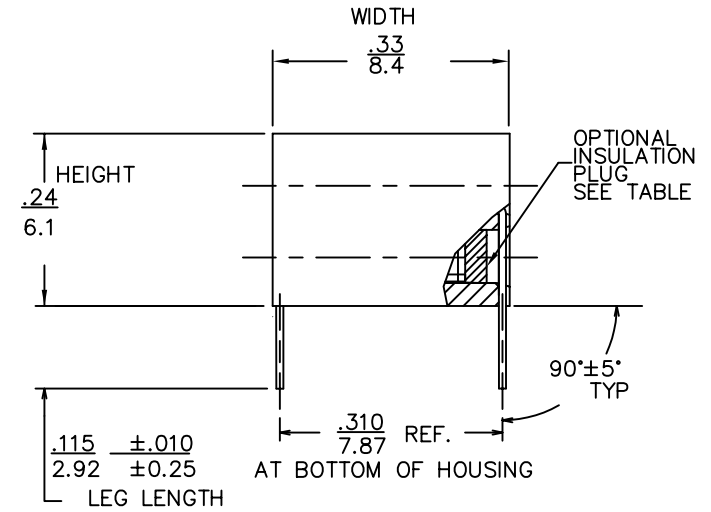
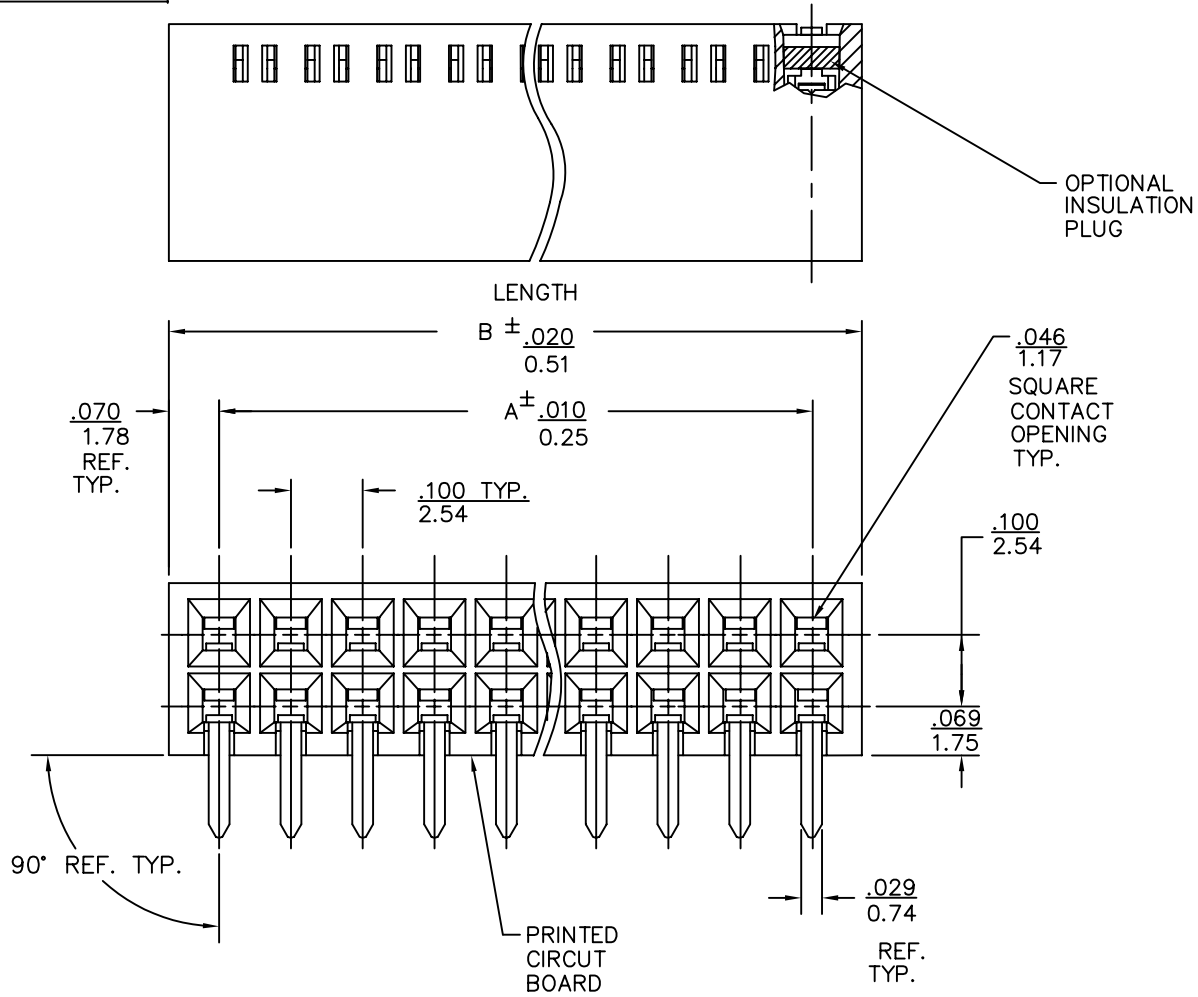


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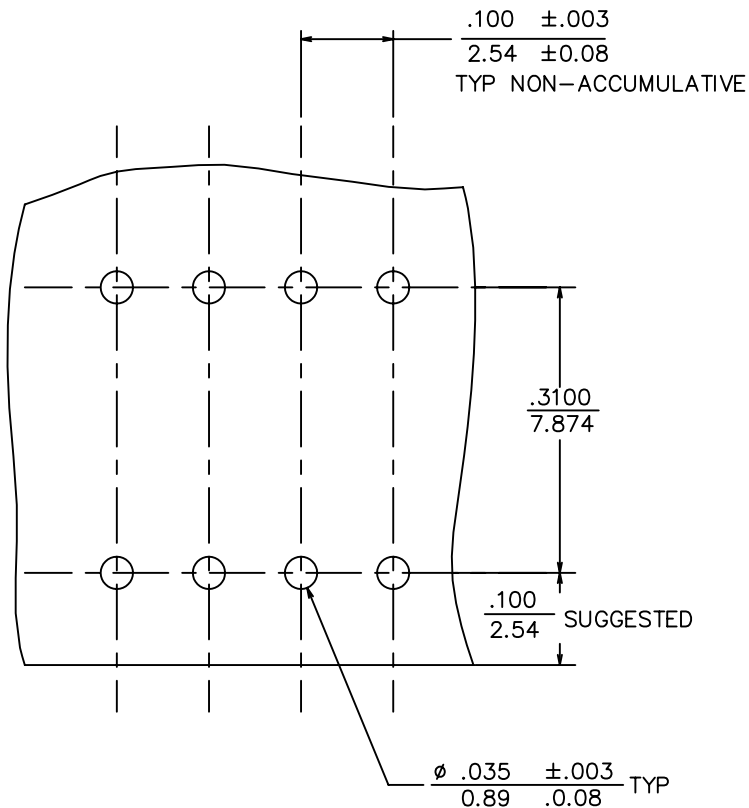
SEE TABLE



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		
P	ELX-N-14417	DCS	2013-02-05		angles	linear		2 x .100/2.54 HORIZ. CARD CONNECTOR		
J	M05-018	MHT	8/20/05	0° $\pm 2^\circ$			scale 4:1			
K	M06-0117	AEA	6/26/06	dr	B. ASHREF	10/12/81	FCI	dwg no		
L	M07-0137	MHT	2/26/07	enr	D. NEIDICH	10/12/81		67117		
M	M08-0232	MHT	8/14/08	chr	D. NEIDICH	10/12/81		A3		
N	M09-0093	MHT	6/22/09	appd	D. NEIDICH	10/12/81		type Product Customer Drawing		
sheet	revision	P	P	P	P	P				
index	sheet	1	2	3	5	5	6			

PRODUCT NO

SEE TABLE

FIGURE 1
SCALE 5/1

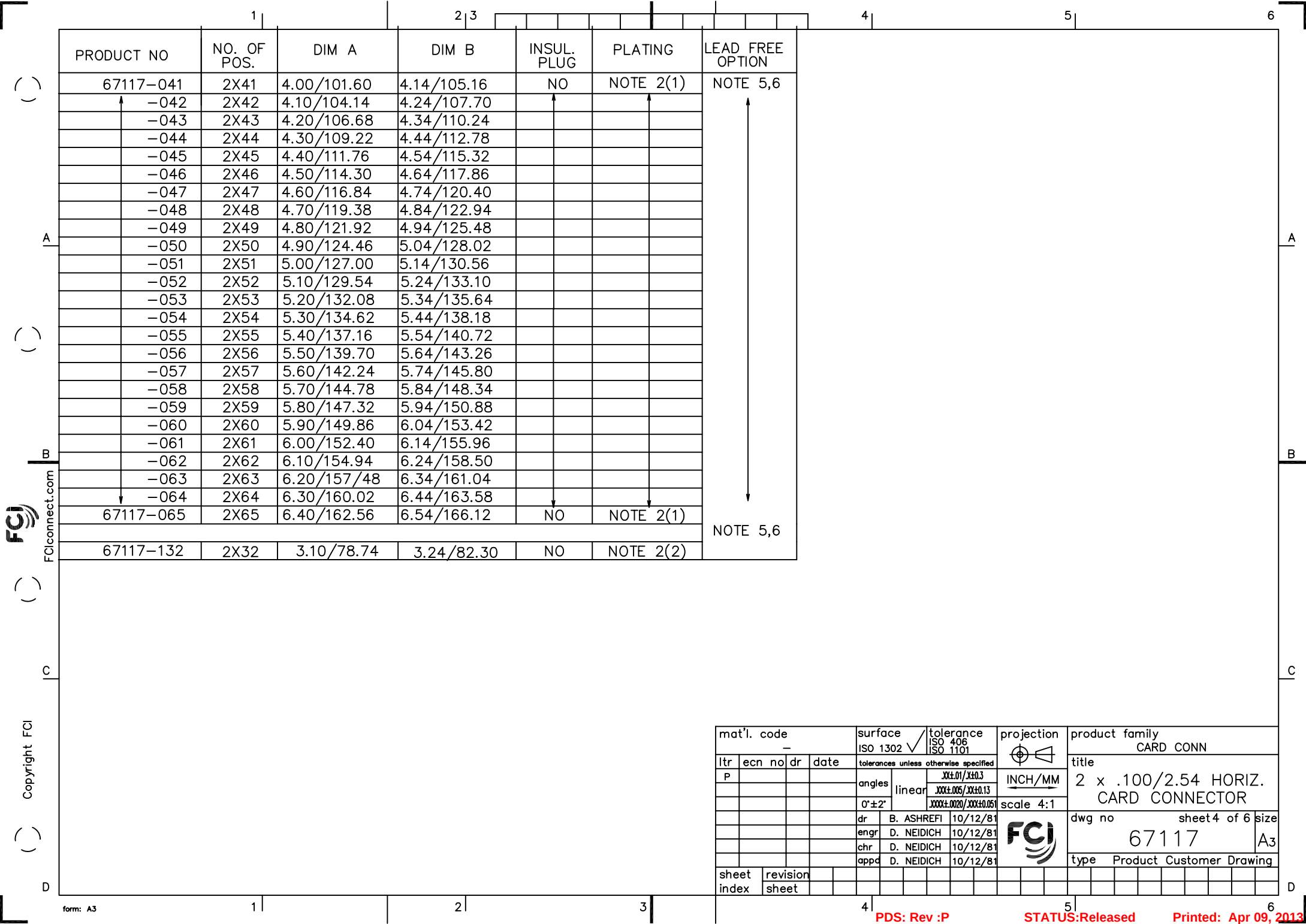
- ⑤ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑥ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER 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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN			
ltr	ecr	no	dr	date		tolerances unless otherwise specified				title			
P						angles		linear		INCH/MM		2 x .100/2.54 HORIZ.	
						0°±2'				scale 4:1		CARD CONNECTOR	
						dr		B. ASHREFI		10/12/81		dwg no	
						enrg		D. NEIDICH		10/12/81		sheet 2 of 6 size	
						chr		D. NEIDICH		10/12/81		A3	
						appd		D. NEIDICH		10/12/81		type Product Customer Drawing	
sheet index		revision sheet											

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mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302	ISO 406		CARD CONN			
l	ec	n	dr	date	tolerances unless otherwise specified		title			
P					angles	INCH/MM	2 x .100/2.54 HORIZ. CARD CONNECTOR			
					linear					
					0°±2°	scale 4:1	dwg no			
					dr		sheet 4 of 6			
					enr		67117			
					chr		A3			
					app		type Product Customer Drawing			
sheet index	revision	sheet								

		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				NOTE 4				OBSOLETE	
-503		2X3		.20/5.08		.34/8.64				NOTE 4				OBSOLETE	
-504		2X4		.30/7.62		.44/11.18				NOTE 4				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.					
				angles		linear		INCH/MM		CARD CONNECTOR					
				0°±2°		.XXX±.01/.XXX±.03		scale 4:1		dwg no					
						.XXX±.005/.XXX±.013				sheet 5 of 6					
						.XXXX±.0020/.XXXX±.0051				size					
				dr		B. ASHREFI		10/12/81		FCI					
				enr		D. NEIDICH		10/12/81		67117					
				chr		D. NEIDICH		10/12/81		A3					
				app		D. NEIDICH		10/12/81		type					
sheet index		revision													
		sheet													

form: A3

1

2

3

4

5

6

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form: A3

1		2		3	4		5	6
PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	PLATING	LEAD FREE OPTION		
67117-541	2X41	4.00/101.60	4.14/105.16	YES	NOTE 2(1)	NOTE 5,6		
-542	2X42	4.10/104.14	4.24/107.70					
-543	2X43	4.20/106.68	4.34/110.24					
-544	2X44	4.30/109.22	4.44/112.78					
-545	2X45	4.40/111.76	4.54/115.32					
-546	2X46	4.50/114.30	4.64/117.86					
-547	2X47	4.60/116.84	4.74/120.40					
-548	2X48	4.70/119.38	4.84/122.94					
-549	2X49	4.80/121.92	4.94/125.48					
-550	2X50	4.90/124.46	5.04/128.02					
-551	2X51	5.00/127.00	5.14/130.56					
-552	2X52	5.10/129.54	5.24/133.10					
-553	2X53	5.20/132.08	5.34/135.64					
-554	2X54	5.30/134.62	5.44/138.18					
-555	2X55	5.40/137.16	5.54/140.72					
-556	2X56	5.50/139.70	5.64/143.26					
-557	2X57	5.60/142.24	5.74/145.80					
-558	2X58	5.70/144.78	5.84/148.34					
-559	2X59	5.80/147.32	5.94/150.88					
-560	2X60	5.90/149.86	6.04/153.42					
-561	2X61	6.00/152.40	6.14/155.96					
-562	2X62	6.10/154.94	6.24/158.50					
-563	2X63	6.20/157.48	6.34/161.04					
-564	2X64	6.30/160.02	6.44/163.58					
67117-565	2X65	6.40/162.56	6.54/166.12	YES	NOTE 2(1)	NOTE 5,6		
67117-265	2X65	6.40/162.56	6.54/166.12	YES	NOTE 2(2)			

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-				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN	
ltr	ecr	no	dr	date	tolerances unless otherwise specified		title	
P					angles	INCH/MM	2 x .100/2.54 HORIZ.	
					linear	scale 4:1	CARD CONNECTOR	
					0'±2'			
					dr		dwg no	sheet 6 of 6 size
					enr		67117	A3
					chr		type Product Customer Drawing	
					appd			
sheet index	revision							
	sheet							

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