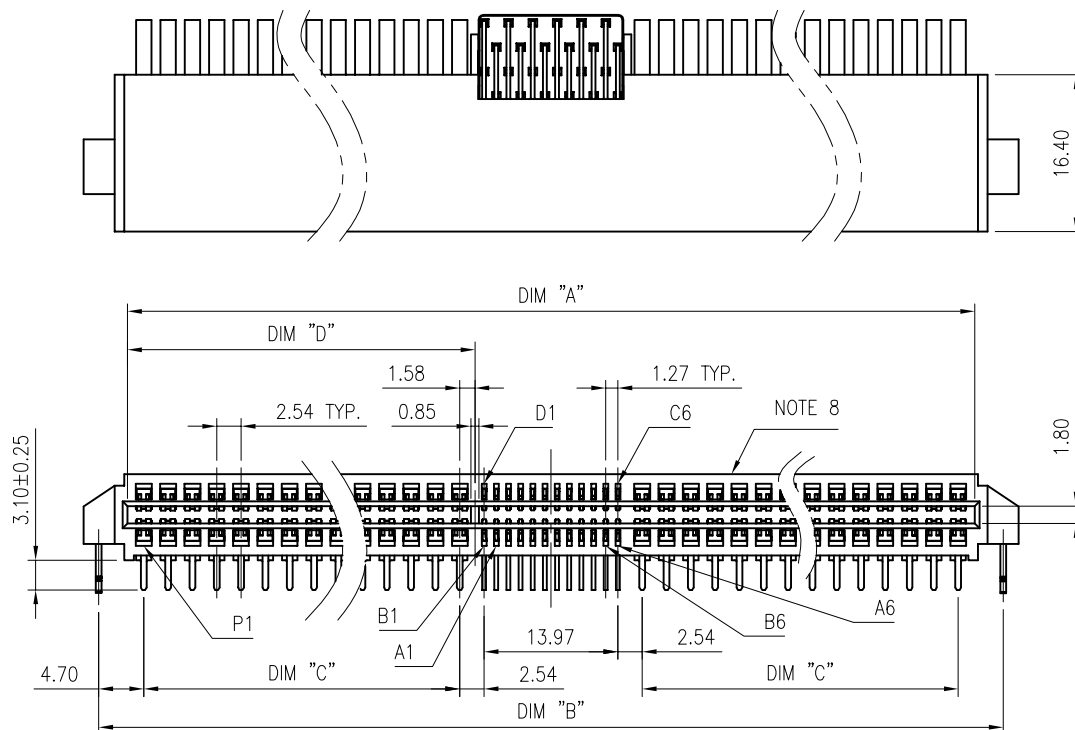


PRODUCT NO.

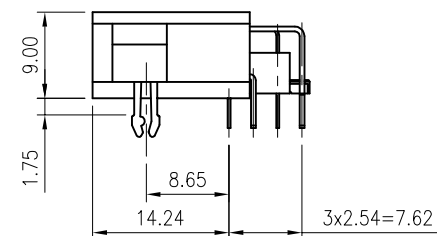
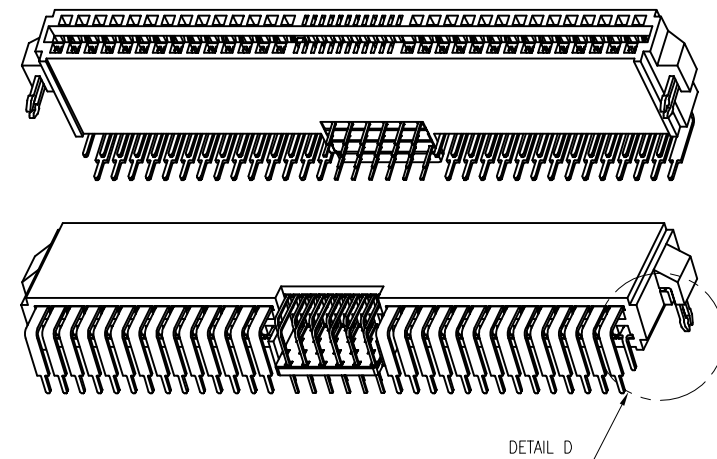
10028886-XXX__

NOTE: ④



NOTE:

1. MATERIAL
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 RATED, BLACK.
CONTACT: POWER PIN- HIGH CONDUCTIVITY COPPER ALLOY
SIGNAL PIN- COPPER ALLOY
2. PRODUCT SPECIFICATION: GS-12-259.
3. PACKAGE SPECIFICATION: GS-14-937.
4. PLATING SPEC:
—10028886-XXX BOTH AREA ALL OVER 50u" NICKEL UNDERPLATED.
POWER PIN- 30u" GOLD ON MATING AREA;
SIGNAL PIN= 15u" GOLD ON MATING AREA;
BOTH SOLDER TAILS- 100u" MATTE TIN/LEAD.
—10028886-XXXLF BOTH AREA ALL OVER 50u" NICKEL UNDERPLATED.
POWER PIN- 30u" GOLD ON MATING AREA;
SIGNAL PIN= 15u" GOLD ON MATING AREA;
BOTH SOLDER TAILS- 100u" MATTE PURE Sn.
6. P/N 10028886-XXXLF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.
8. MANUFACTURER'S NAME, P/N AND DATE CODE TO APPEAR ON THIS SURFACE AS PER GS-24-007.

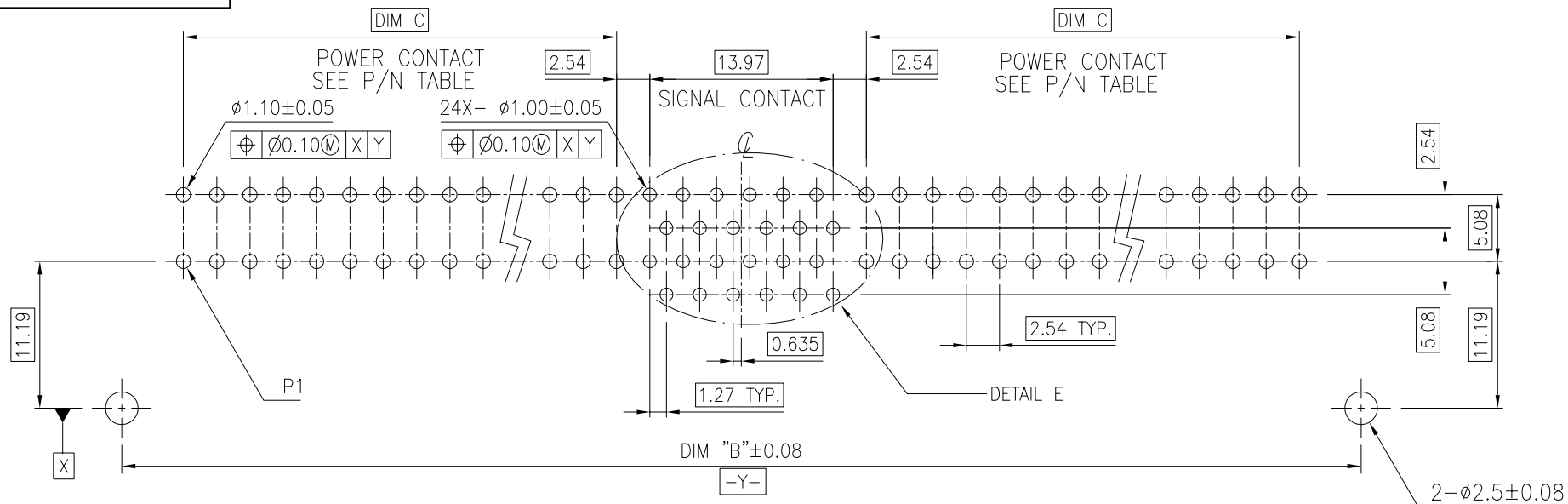
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecr no	dr	date	linear	.X ± 0.25		projection 	title POWER EDGE CARD CONNECTOR ASS'Y	product family	code
G	0605-0197	LH	06/29/05		.XX ± 0.15					
H	0606-0306	RYAN	08/04/06		.XXX ± 0.10					
J	0606-0524	JULIA	12/26/06	angles	0° ± 2°		mm ↔	scale NONE	A3	10028886
				dr	LH	11/15/04				
				enrg	LH	11/15/04				
				chr	LH	11/15/04	sheet 1 of 6			
				appd	DAVID SU	11/15/04				
sheet index	revision sheet	J	J	J	J	J				
		1	2	3	4	5	6			



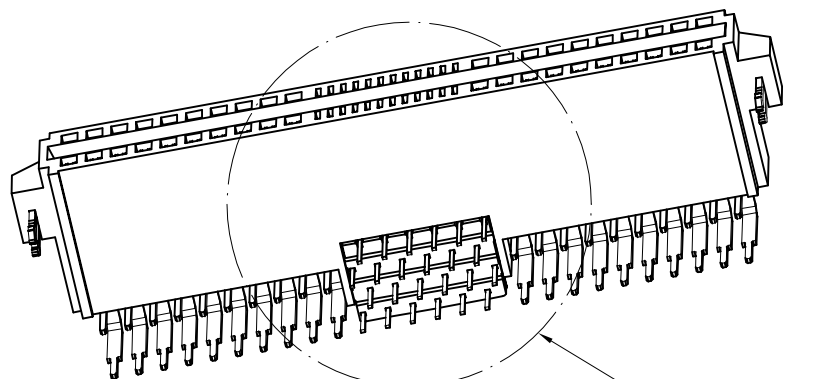
PRODUCT NO.

10028886-XXX__

NOTE: ④



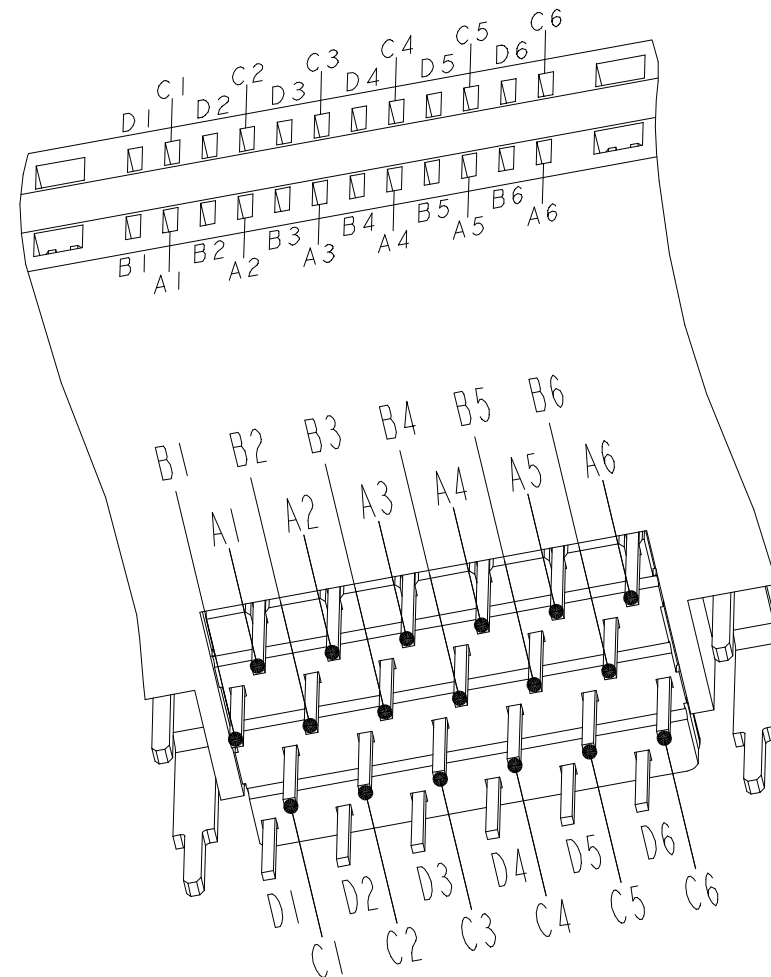
RECOMMENDED PCB LAYOUT



SEE DETAIL F

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.25		projection 	title POWER EDGE CARD CONNECTOR FOOTPRINT		
J					.XX ± 0.15					
					.XXX ± 0.10					
				angles	0° ± 2°			product family size dwg no		
				dr	LH	11/15/04				mm
				enrg	LH	11/15/04				
				chr	LH	11/15/04	scale 1:1			
				appd	DAVID SU	11/15/04		A3	10028886	
sheet index	revision sheet									code —
								sheet 2 of 6		

NOTE: ④



DETAIL F

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
itr	ecn no	dr	date	linear	.X $\pm$ 0.25	projection 	title		
j					.XX $\pm$ 0.15		POWER EDGE CARD CONNECTOR		
					.XXX $\pm$ 0.10		FOOTPRINT		
				angles	0° $\pm$ 2°	 mm	product family		code —
				dr	LH 11/15/04		size		
				engr	LH 11/15/04		dwg no		
				chr	LH 11/15/04		scale		
				appd	DAVID SU 11/15/04	1:1	A3 10028886		sheet 3 of 6
sheet index		revision sheet							

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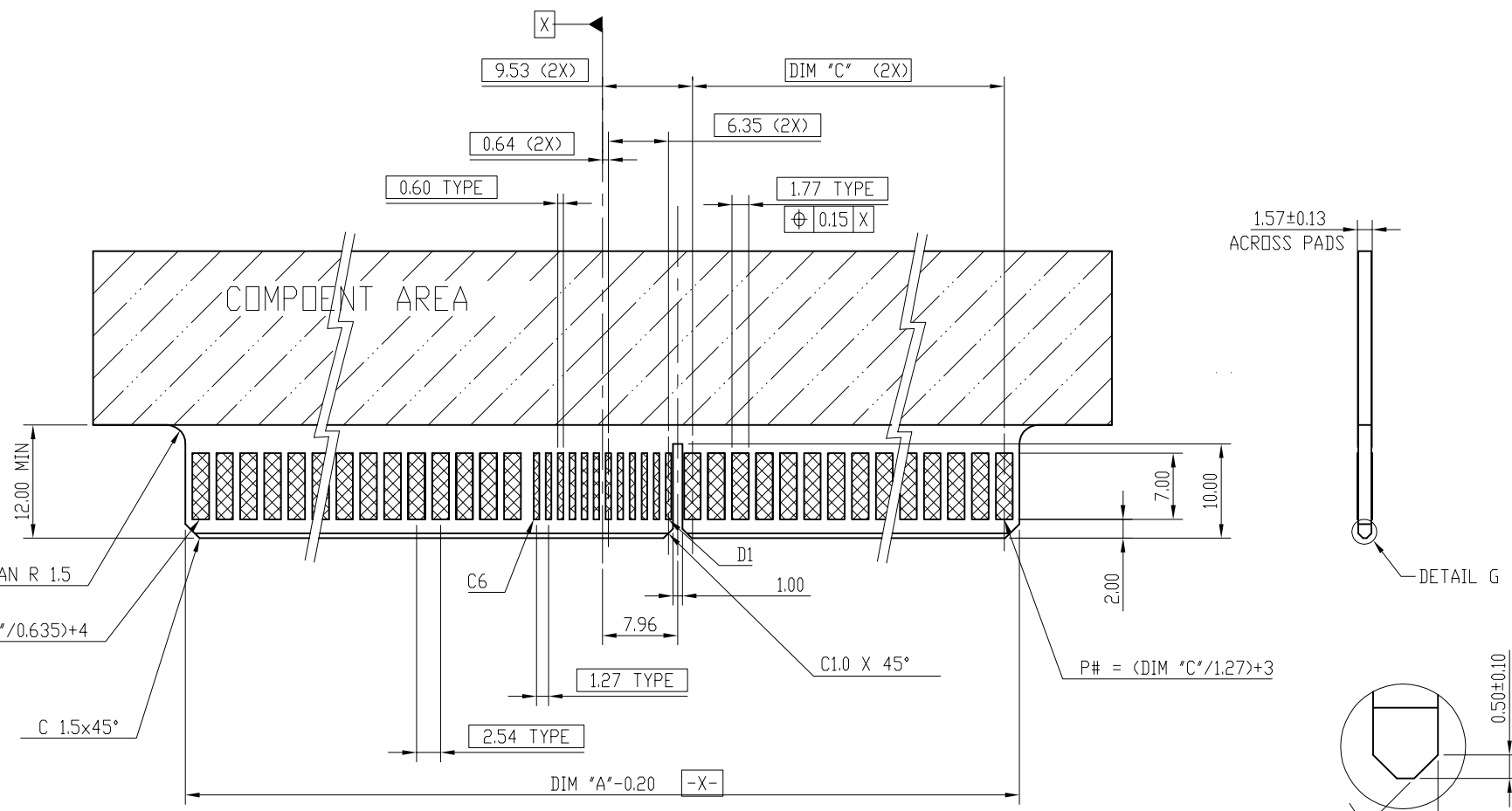
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PRODUCT NO.

10028886-XXX_

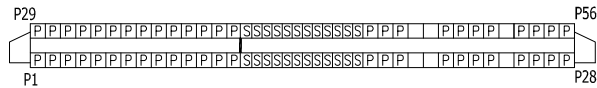
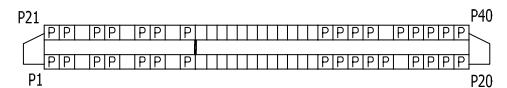
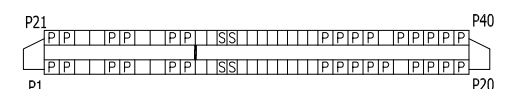
NOTE: ④



RECOMMENDED MODULE BOARD LAYOUT

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI		www.fciconnect.com	
litr	ecr	no	dr	date	linear	.X ± 0.25		projection		title			
J						.XX ± 0.15				POWER EDGE CARD CONNECTOR			
						.XXX ± 0.10				POWER MODULE LAYOUT			
					angles	0° ± 2°				product family		code	
					dr	LH	11/15/04	mm		size		sheet	
					enr	LH	11/15/04			dwg no		4 of 6	
					chr	LH	11/15/04	scale		A3	10028886		
					appd	DAVID SU	11/15/04	1:1					
sheet	revision												
Index	sheet												



PART NO.		DIM "A"	DIM "B"	DIM "C"	DIM "D"	HOUSING CAVITY CONF. (PAIR)	CONTACT CONFIGURATION(SEE NOTE)
10028886-001	42.80	48.77	10.16	13.46	5P + 12S + 5P	ALL LOADED	
10028886-001LF							
10028886-002							
10028886-002LF	52.96	58.93	15.24	18.54	7P + 12S + 7P	ALL LOADED	
10028886-003	88.52	94.49	33.02	36.32	14P + 12S + 14P	ALL LOADED	
10028886-003LF							
10028886-003A	88.52	94.49	33.02	36.32	14P + 12S + 14P		
10028886-003ALF							
10028886-003B	88.52	94.49	33.02	36.32	14P + 12S + 14P		
10028886-003BLF							
10028886-004	68.20	74.17	22.86	26.16	10P + 12S + 10P	ALL LOADED	
10028886-004LF							
10028886-004A	68.20	74.17	22.86	26.16	10P + 12S + 10P		
10028886-004ALF							
10028886-004B	68.20	74.17	22.86	26.16	10P + 12S + 10P		
10028886-004BLF							
NOTE: 1."P" FOR POWER PIN; "S" FOR SIGNAL PIN; "□" FOR NOT LOADED							

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.25			projection 	title POWER EDGE CARD CONNECTOR ASS'Y		code -
j					.XX ± 0.15						
					.XXX ± 0.10						
				angles	0° ± 2°				product family size dwg no		sheet 5 of 6
				dr	LH	11/15/04					
				enrg	LH	11/15/04					
				chr	LH	11/15/04					
				appd	DAVID SU	11/15/04					
sheet index	revision sheet							scale NONE	A3	10028886	



ASSY P/N	HOUSING		SHORT POWER PIN		LONG POWER PIN		SHORT SIGNAL PIN		LONG SIGNAL PIN		TAIL GUIDE		H/D	
	P/N	QTY	P/N	QTY	P/N	QTY	P/N	QTY	P/N	QTY	P/N	QTY	P/N	QTY
10028886-001	10028887-01	1	10028889-101	10	10028889-201	10	10028890-101	12	10028890-201	12	10028888	1	91180-121	2
10028886-001LF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-002	10028887-02	1	10028889-101	14	10028889-201	14	10028890-101	12	10028890-201	12	10028888	1	91180-121	2
10028886-002LF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-003	10028887-03	1	10028889-101	28	10028889-201	28	10028890-101	12	10028890-201	12	10028888	1	91180-121	2
10028886-003LF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-003A	10028887-03	1	10028889-101	25	10028889-201	25	10028890-101	12	10028890-201	12	10028888	1	91180-121	2
10028886-003ALF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-003B	10028887-03	1	10028889-101	23	10028889-201	23	10028890-101	12	10028890-201	12	10028888	1	91180-121	2
10028886-003BLF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-004	10028887-04	1	10028889-101	20	10028889-201	20	10028890-101	12	10028890-201	12	10028888	1	91180-121	2
10028886-004LF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-004A	10028887-04	1	10028889-101	16	10028889-201	16	10028890-101	0	10028890-201	0	10028888	0	91180-121	2
10028886-004ALF			10028889-102		10028889-202		10028890-102		10028890-202					
10028886-004B	10028887-04	1	10028889-101	15	10028889-201	15	10028890-101	2	10028890-201	2	10028888	1	91180-121	2
10028886-004BLF			10028889-102		10028889-202		10028890-102		10028890-202					

mat'l code				tolerances unless otherwise specified				CUSTOMER COPY		www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.25			projection 		title POWER EDGE CARD CONNECTOR ASS'Y	product family size	code -
J					.XX ± 0.15							
					.XXX ± 0.10							
				angles	0° ± 2°			scale NONE	A3	10028886	sheet 6 of 6	
				dr	LH	11/15/04						
				engr	LH	11/15/04						
				chr	LH	11/15/04						
				appd	DAVID SU	11/15/04						
sheet index	revision sheet											