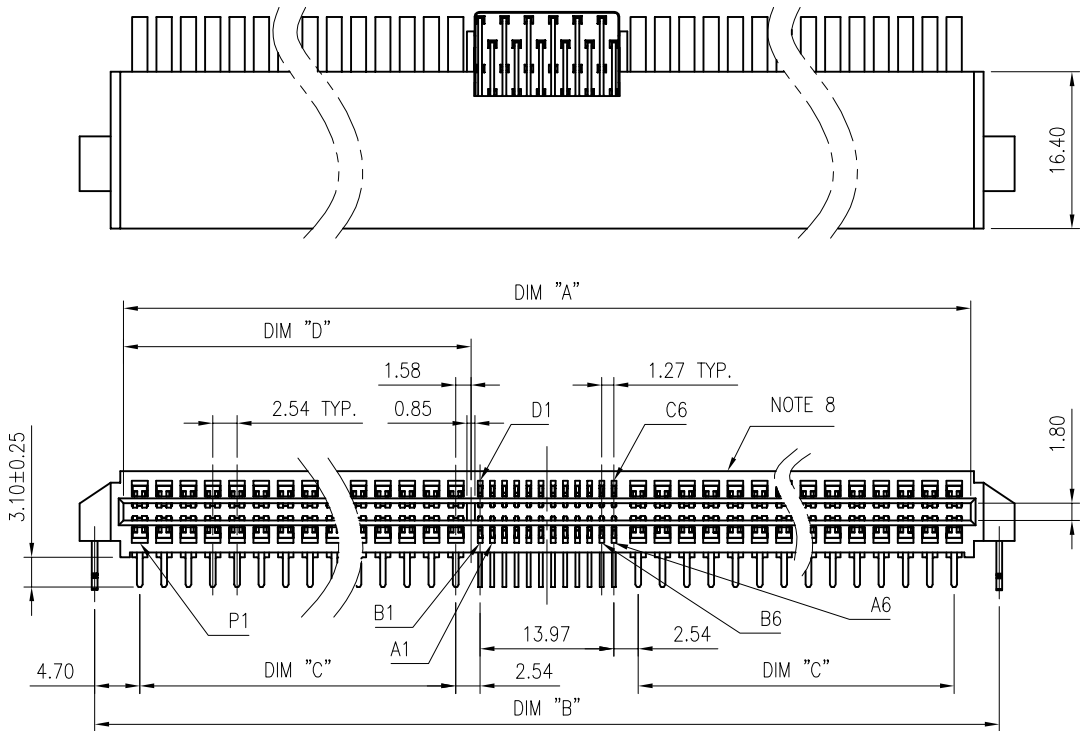


PRODUCT NO.

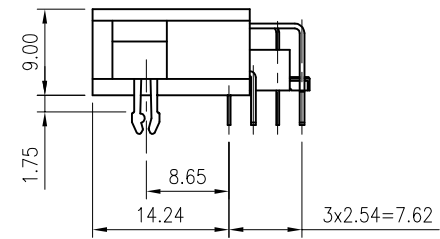
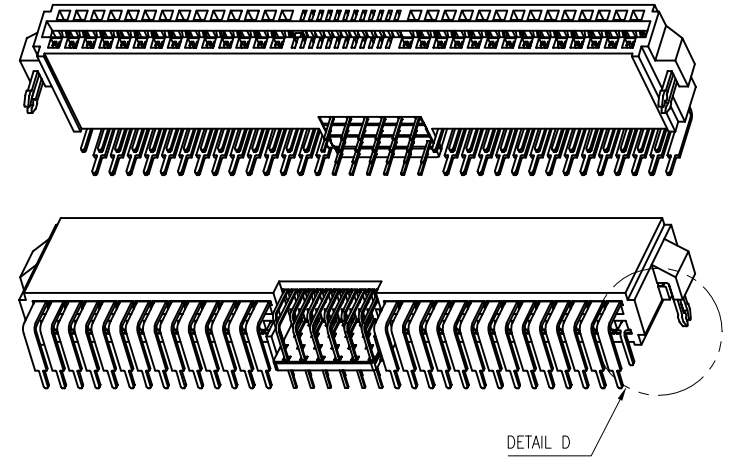
10028886-XXX__

NOTE: ④



NOTE:

- MATERIAL
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 RATED, BLACK.
CONTACT: POWER PIN- HIGH CONDUCTIVITY COPPER ALLOY
SIGNAL PIN- COPPER ALLOY
- PRODUCT SPECIFICATION: GS-12-259.
- PACKAGE SPECIFICATION: GS-14-937.
- 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.
- P/N 10028886-XXXLF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.
- 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	ecn no	dr	date	.X ± 0.25		projection		title		product family		code	
G	b005-0197	LH	06/29/05	linear .XX ± 0.15		⊕		POWER EDGE CARD CONNECTOR ASS'Y		size		-	
H	b006-0306	RYAN	08/04/06	.XXX ± 0.10		⊕		A3		10028886		sheet 1 of 6	
J	b006-0524	JULIA	12/26/06	angles 0° ± 2'		mm		scale		NONE			
		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	J	J	J	J	J	J						
		1	2	3	4	5	6						

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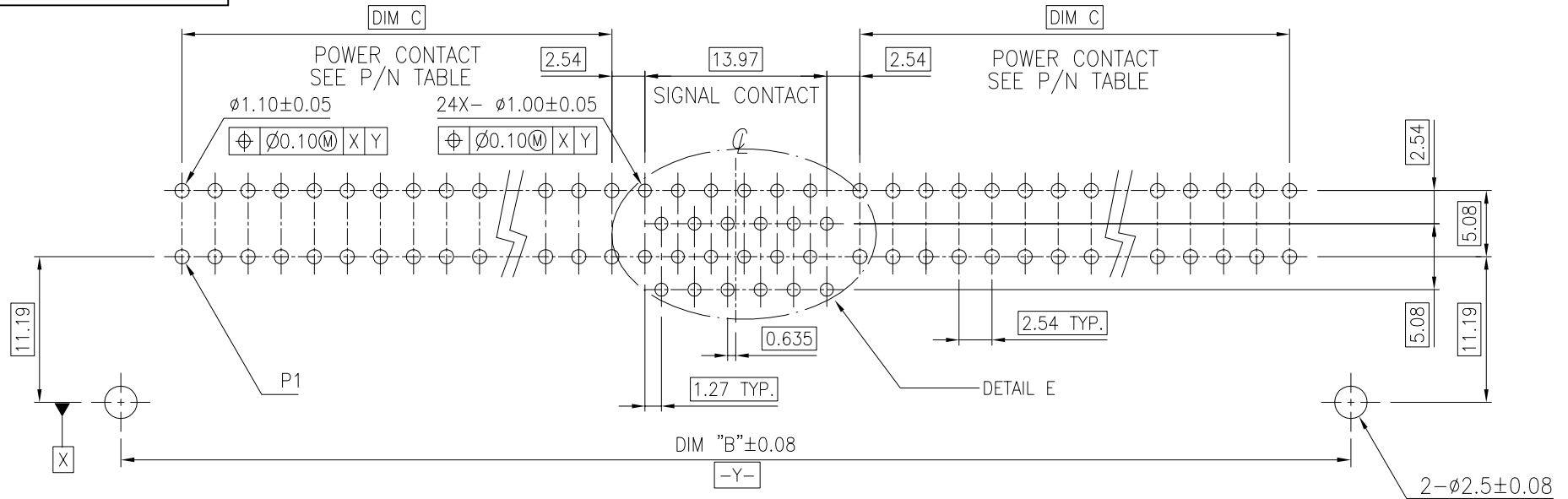
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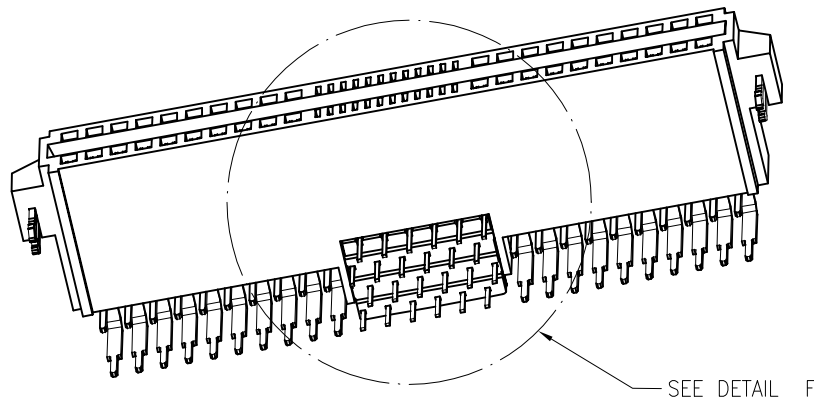
PRODUCT NO.

10028886-XXX__

NOTE: ④



RECOMMENDED PCB LAYOUT



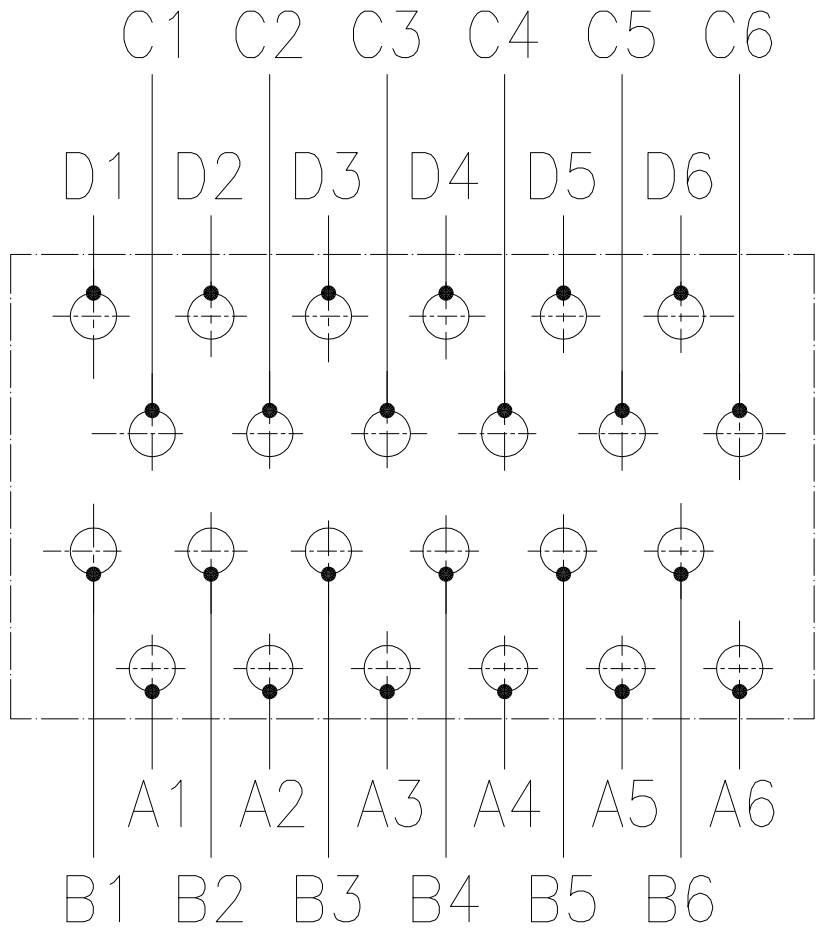
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ltr	ecn no	dr	date	.X ± 0.25	projection	title	
j				.XX ± 0.15		POWER EDGE CARD CONNECTOR FOOTPRINT	
				.XXX ± 0.10		product family	
				angles	0° ± 2'	code	
				dr	LH	11/15/04	A3
				enrg	LH	11/15/04	
				chr	LH	11/15/04	
				appd	DAVID SU	11/15/04	
sheet index	revision sheet			scale	1:1	size	10028886
						sheet	2 of 6

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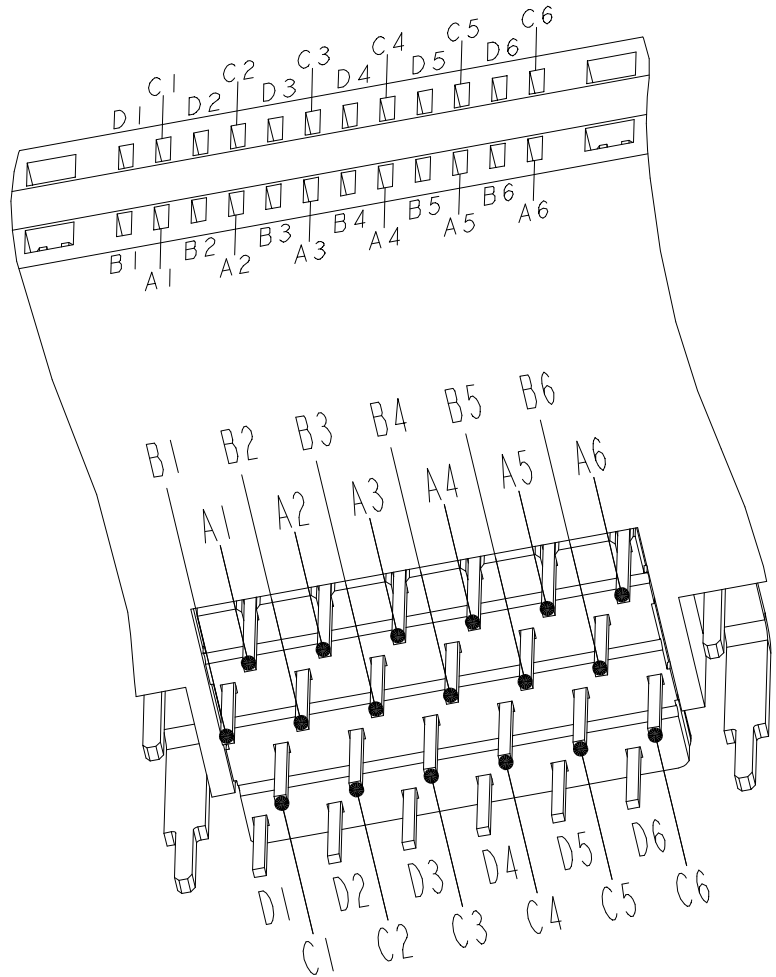
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PRODUCT NO.
 10028886-XXX__
 NOTE: ④



DETAIL E



DETAIL F

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ltr	ecn no	dr	date	linear	.X ± 0.25		title POWER EDGE CARD CONNECTOR FOOTPRINT
J					.XX ± 0.15		
					.XXX ± 0.10		
				angles	0° ± 2'		
		dr	LH	11/15/04		mm	product family
		engr	LH	11/15/04			size dwg no
		chr	LH	11/15/04	scale		
		appd	DAVID SU	11/15/04	1:1		A3 10028886
sheet index	revision sheet						code
							—
							sheet
							3 of 6

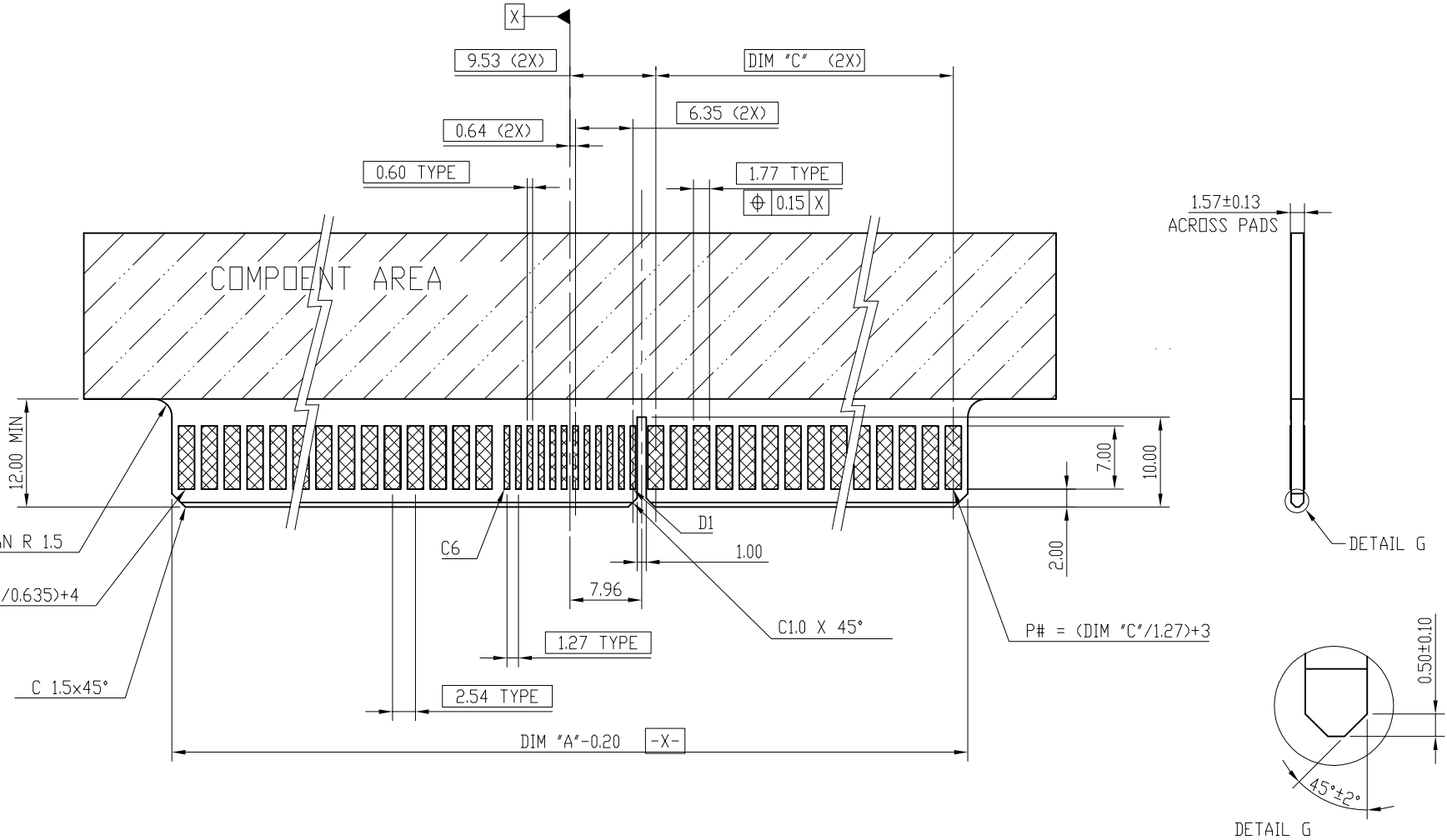
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PRODUCT NO.

10028886-XXX__

NOTE: ④



RECOMMENDED MODULE BOARD LAYOUT

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecr	no	dr	date	linear	.X ± 0.25	projection
J						.XX ± 0.15	1
						.XXX ± 0.10	2
					angles	0° ± 2°	3
					dr	LH 11/15/04	mm
					engr	LH 11/15/04	scale
					chr	LH 11/15/04	1:1
					appd	DAVID SU 11/15/04	A3
sheet	revision						product family
index	sheet						size
							dwg no
							10028886
							code
							-
							sheet
							4 of 6



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						
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

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ltr	ecn no	dr	date	linear	.X ± 0.25	projection	title		POWER EDGE CARD CONNECTOR ASS'Y		
					.XX ± 0.15		product family		code		
				angles	.XXX ± 0.10		mm	size dwg no		sheet	
				dr	LH 11/15/04	scale	A3 10028886		5 of 6		
				enrg	LH 11/15/04		sheet		5 of 6		
				chr	LH 11/15/04		sheet		5 of 6		
				appd	DAVID SU 11/15/04		sheet		5 of 6		
sheet index	revision sheet										

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