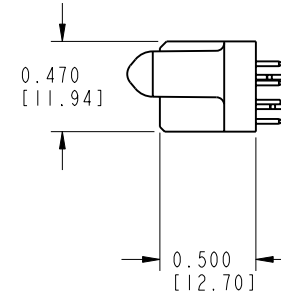
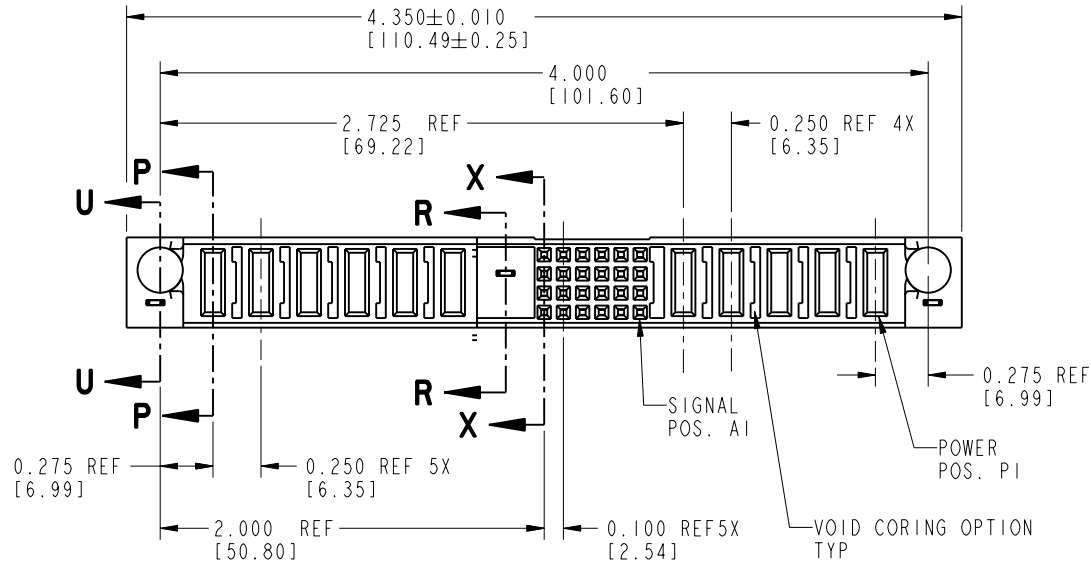
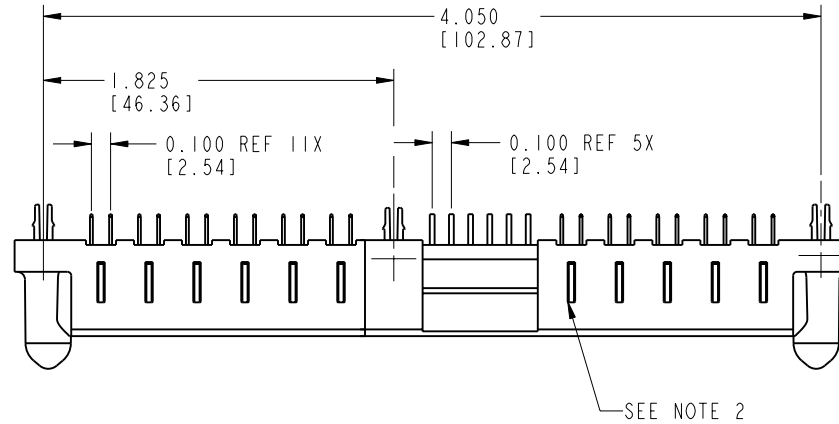


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PRODUCT NUMBER
51413-XX001--
NOTE:③



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mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date														
A	V91387	SAR	06-14-99	linear				.XX ±.01/.X ±.3				projection		title	5P + 24S + 1M + 6P		
B	V00791	MSG	03-22-00					.XXX ±.005/.XX ±.13						product family	PwrBlade	code	213
C	V01285	EKK	06-01-00	angles				.XXX ±.0020/.XXX ±.051						size	dwg no	51413	sheet
D	V01870	CHB	08-02-00	dr	LEV L V	01-06-99		0° ± 2°				INCH/MM					1 of 4
E	DG05-0238	SJ	07/24/05	engr	J. BROWN	01-06-99						scale	1:1				
F	DG06-0295	JMG	07/20/06	chr	J. BROWN	01-06-99											
				appd	J. BROWN	01-06-99											
sheet index	revision	F	F	F	F												
	sheet	1	2	3	4												

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PDM: Rev:F

STATUS: Released

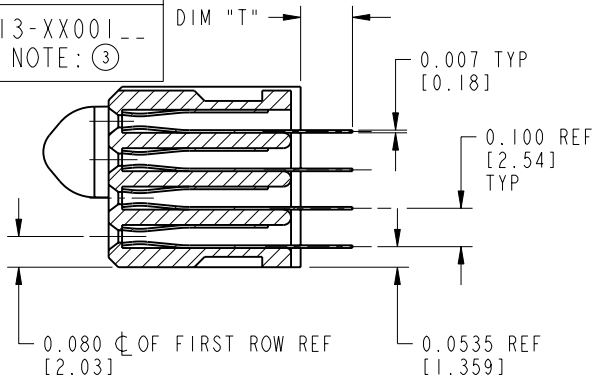
Printed: Dec 20, 2010

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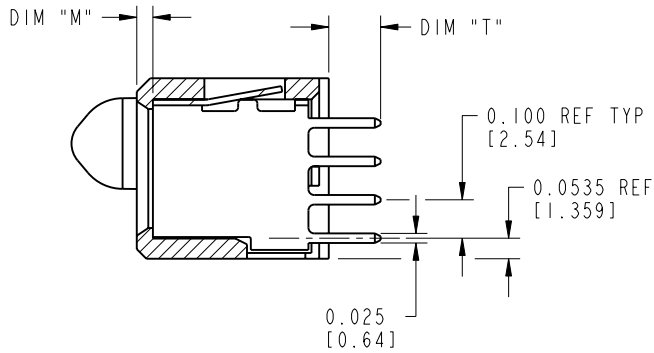


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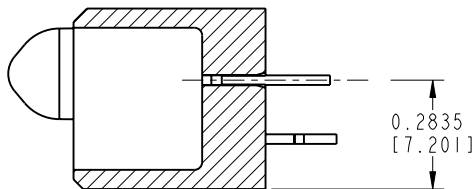
PRODUCT NUMBER
51413-XX001--
NOTE: ③



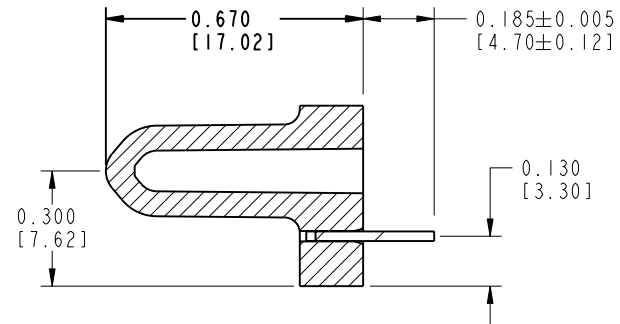
SECTION X-X



SECTION P-P



SECTION R-R



SECTION U-U

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mat'l code				NOTE 1				tolerances unless otherwise specified				CUSTOMER COPY								www.fciconnect.com			
lfr		ecn no.		dr		date		linear		.XX ±.01/.X ±.3				title 5P + 24S + 1M + 6P VERTICAL SOLDER RECEPTACLE		product family PwrBlade		code 213					
F										.XXX ±.005/.XX ±.13													
										.XXXX ±.0020/.XXX ±.051													
								angles		0° ± 2°													
								dr		LEVL V		01-06-99											
								engr		J. BROWN		01-06-99											
								chr		J. BROWN		01-06-99											
								appd		J. BROWN		01-06-99						sheet 2					
sheet index		revision sheet																					

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cage code 22526

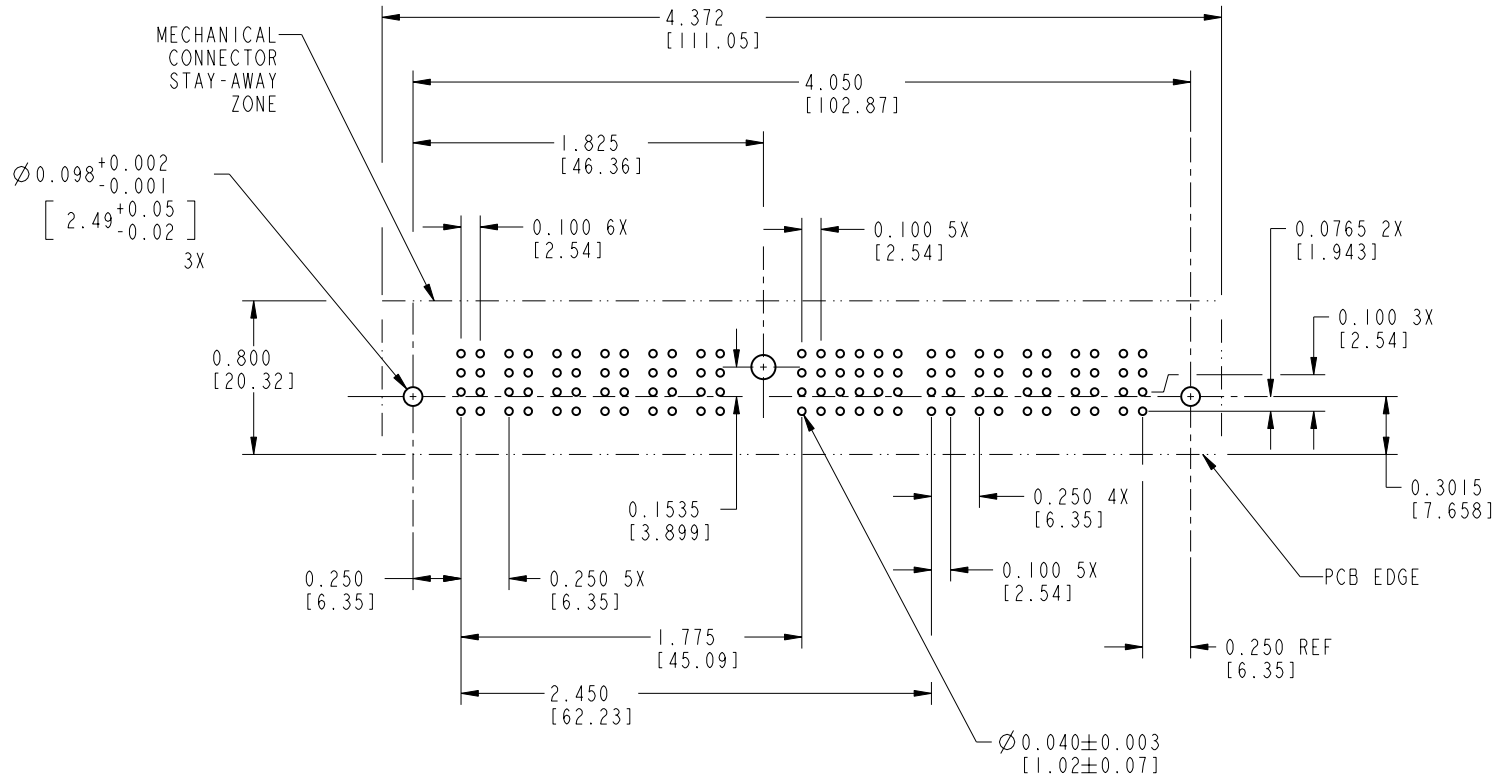
PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010

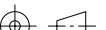


PRODUCT NUMBER
51413-XX001--
NOTE: ③



RECOMMENDED PCB LAYOUT

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mat'l code				tolerances unless otherwise specified				CUSTOMER COPY		FCI  www.fciconnect.com	
lfr	ecn no.	dr	date	linear	XX ±.01/.X ±.3			projection 	title 5P + 24S + 1M + 6P VERTICAL SOLDER RECEPTACLE	product family PwrBlade	code 213
F					XXX ±.005/.XX ±.13						
					XXXX ±.0020/.XXX ±.051						
				angles	0° ± 2°			INCH/MM  scale 1:1	A	51413	sheet 3 of 4
				dr	LEVL V	01-06-99					
				enqr	J. BROWN	01-06-99					
				chr	J. BROWN	01-06-99					
				appd							
sheet index	revision sheet										

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4

PRODUCT NUMBER		ITEM NO.	QTY	DIM "M"		DIM "T"		CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
51413-XX001--				MATING LENGTH		TAIL LENGTH				
NOTE: 3				±.010[0.25]		±.010[0.25]				
		PA	11	0.042	[1.07]	0.135	[3.43]	POWER	30 u'' [.76um] Au	SnPb
		E	24	N/A	[N/A]	0.135	[3.43]	SIGNAL	30 u'' [.76um] Au	Sn
		HA	3	N/A	[N/A]	N/A	[N/A]	HOLD-DOWN	N/A [N/A]	SnPb

PRODUCT No.	ROWS	POWER							HOLD	SIGNAL					POWER						
		E2	P11	P10	P9	P8	P7	P6		6	5	4	3	2	1	P5	P4	P3	P2		P1
51413-XX001-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA		E	E	E	E	E	E	PA	PA	PA	PA	PA	

CONNECTOR
NOTES:

- HOUSING MATERIAL: GLASS FILLED HIGH TEMP THERMO PLASTIC, FLAME RETARDANT PER UL94 V-0.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- MANUFACTURER NAME, P/N, AND LOT CODE TO APPEAR ON THIS SURFACE.
- 51413-XX001;51413-XX001LF;51413-XX001GLF PLATING SPEC. SEE PRINT:10064183

PCB NOTES

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004"
- ALL DIAMETERS ARE FINISHED HOLE SIZES
- Ø0.098" THROUGH HOLES ARE UNPLATED

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mat'l code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com		
lfr	ecr no.	dr	date	linear	XX ±.01/.X ±.3		projection 	title 5P + 24S + 1M + 6P VERTICAL SOLDER RECEPTACLE			
F					XXX ±.005/.XX ±.13						
					XXXX ±.0020/.XXX ±.051						
				angles	0° ± 2°		INCH/MM  scale 1:1	product family		PwrBlade	code
				dr	LEVL V	01-06-99		size		dwg no	213
				enqr	J. BROWN	01-06-99		A		51413	
				chr	J. BROWN	01-06-99					
				appd	J. BROWN	01-06-99					
sheet index	revision sheet										sheet 4 of 4

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Pro/E

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cage code 22526

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