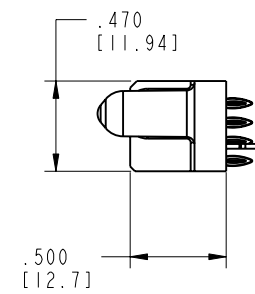
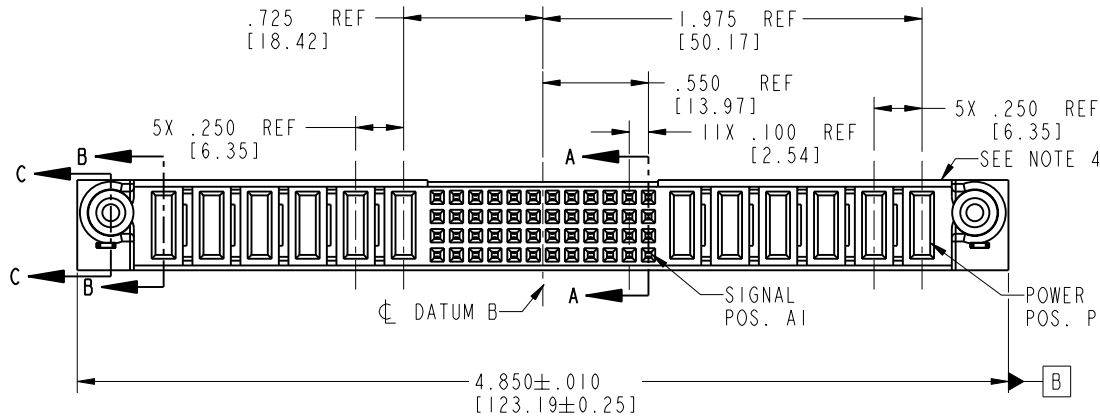


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PRODUCT NO.	ROWS	POWER						SIGNAL												POWER							
		E2	P12	P11	P10	P9	P8	P7	12	11	10	9	8	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	E1
51750-049-- NOTE: 3	D C B A		PF	PF	PF	PF	PF	PF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	FFFFFFFFFF	PC	PF	PF	PF	PF	PF	



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
F	N/A	[N/A]	SIGNAL
PC	.042	[1.07]	POWER
PF	.092	[2.34]	POWER
HA	N/A	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY				projection INCH/MM scale 1:1						
A	V03-0511	TAB	05/07/03		.XXX±.005/0.XXX±0.13														
B	V03-0595	TAB	05/23/03		.XXXX.0020/0.XXX±0.051														
C	V03-0646	TAB	06/09/03	angles	0°±2°				product family PwrBlade code 213 sheet 1 of 4										
D	DG05-0504	GuoJM	11/29/05	enr	T. BRUNGARD 05/07/03														
				mgr	M. MOSTOLLER 05/07/03														
				chr	M. MOSTOLLER 05/07/03														
				appd	M. MOSTOLLER 05/07/03														
sheet index		revision		D	D	D	D												
		sheet		1	2	3	4												

cage code 22526

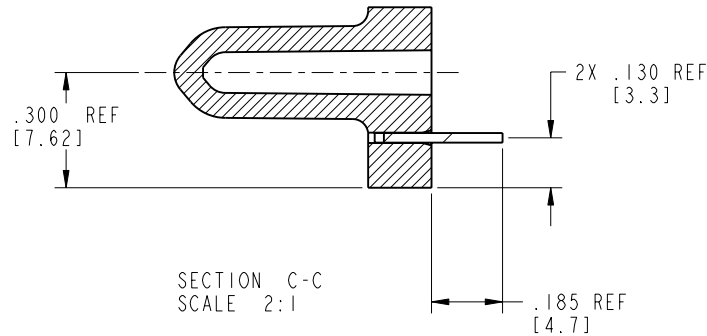
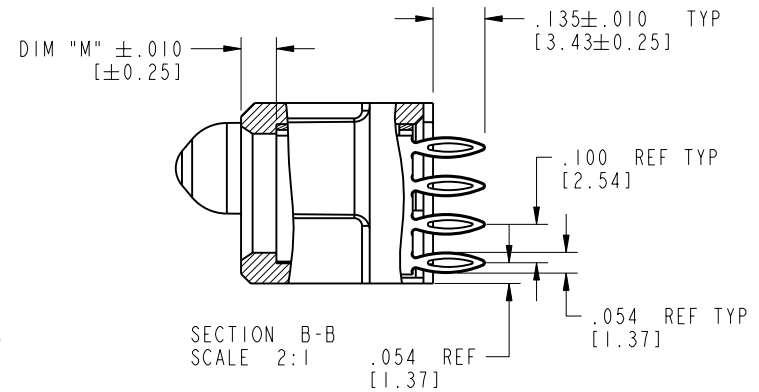
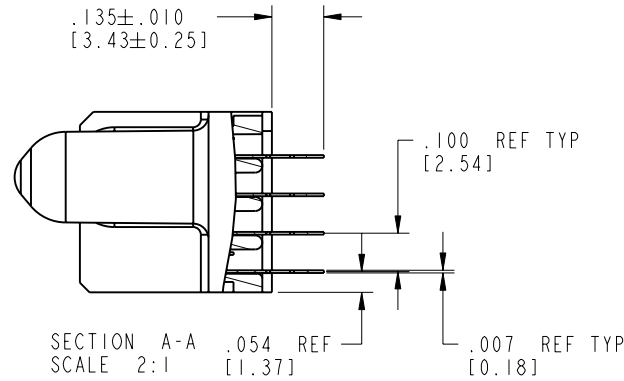
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PRODUCT NUMBER
51750-049--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection		
D				.XX±.01/0.X±0.3				title	6P + 48S + 6P
				.XXX±.005/0.XX±0.13				VERTICAL PRESS-FIT RECEPT	
				.XXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr	T. BRUNGARD 05/07/03			size	213
				enrg	M. MOSTOLLER 05/07/03			dwg no	51750-049
				chr	M. MOSTOLLER 05/07/03			A	sheet 2 of 4
				appd	M. MOSTOLLER 05/07/03				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

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A
FCI

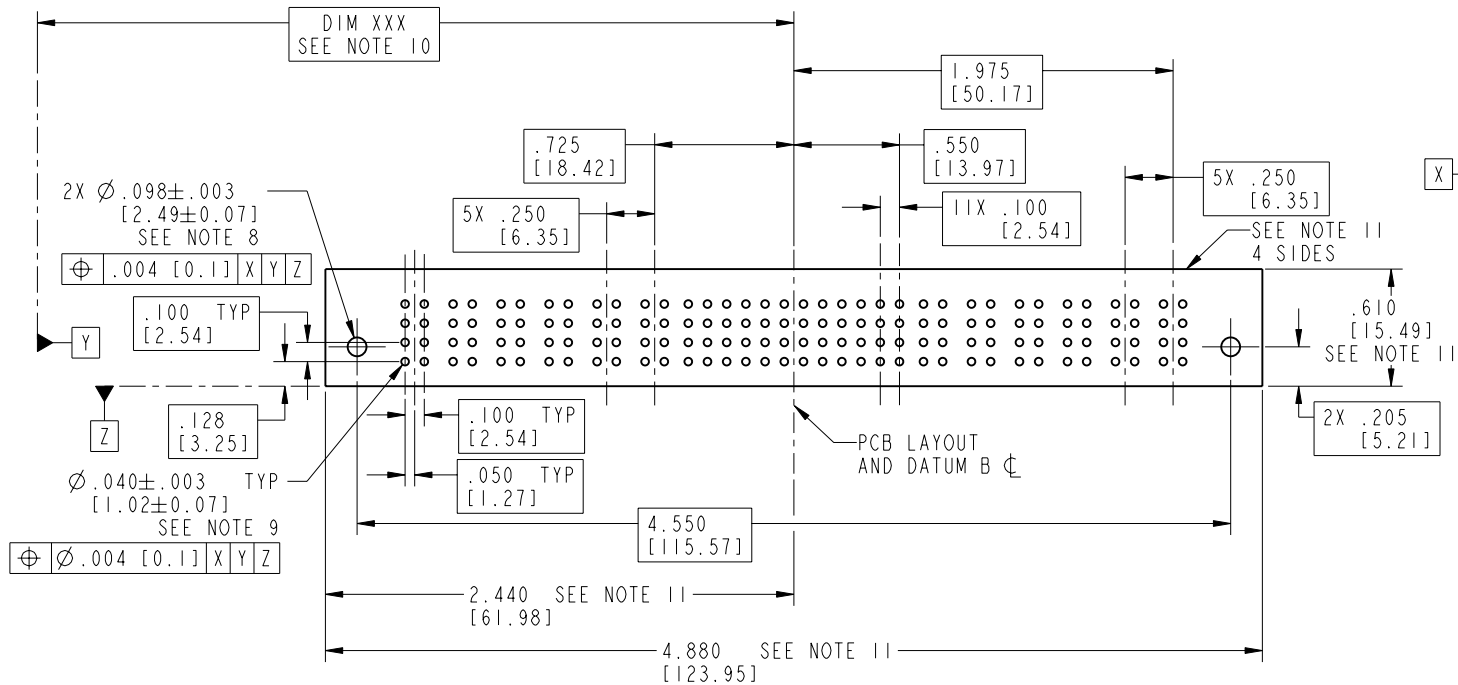
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A

A
FCI

B

PRODUCT NUMBER
51750-049--
NOTE: 3



A

B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection	COPY	title				
D					.XXX±.005/0.XX±0.13				6P + 48S + 6P				
					.XXX±.0020/0.XXX±0.051				VERTICAL PRESS-FIT RECEPT				
				angles	0°±2°			INCH/MM	product family		PwrBlade		code
				dr	T. BRUNGARD 05/07/03				size	dwg no	213		
				enrg	M. MOSTOLLER 05/07/03				scale	A	51750-049		sheet
				chr	M. MOSTOLLER 05/07/03								3 of 4
				appd	M. MOSTOLLER 05/07/03								
sheet index		revision sheet											

Pro/E

3

cage code 22526

4

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51750-049__
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED

HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51750-049 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51750-049LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51750-049LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

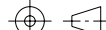
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨ $\varnothing.0453 \pm .0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing.040 \pm .003$ [$1.02 \pm .07$] HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com		
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title 6P + 48S + 6P VERTICAL PRESS-FIT RECEPT			
D					.XXX±.005/0.XX±0.13							
					.XXX±.0020/0.XXX±0.051							
				angles	0°±2°		INCH/MM 	scale 1:1	product family		code	
				dr	T. BRUNGARD 05/07/03				size	family	PwrBlade	213
				engr	M. MOSTOLLER 05/07/03				dwg no	A	51750-049	sheet
				chr	M. MOSTOLLER 05/07/03							4 of 4
				appd	M. MOSTOLLER 05/07/03							
sheet index		revision sheet										

Mouser Electronics

Authorized Distributor

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