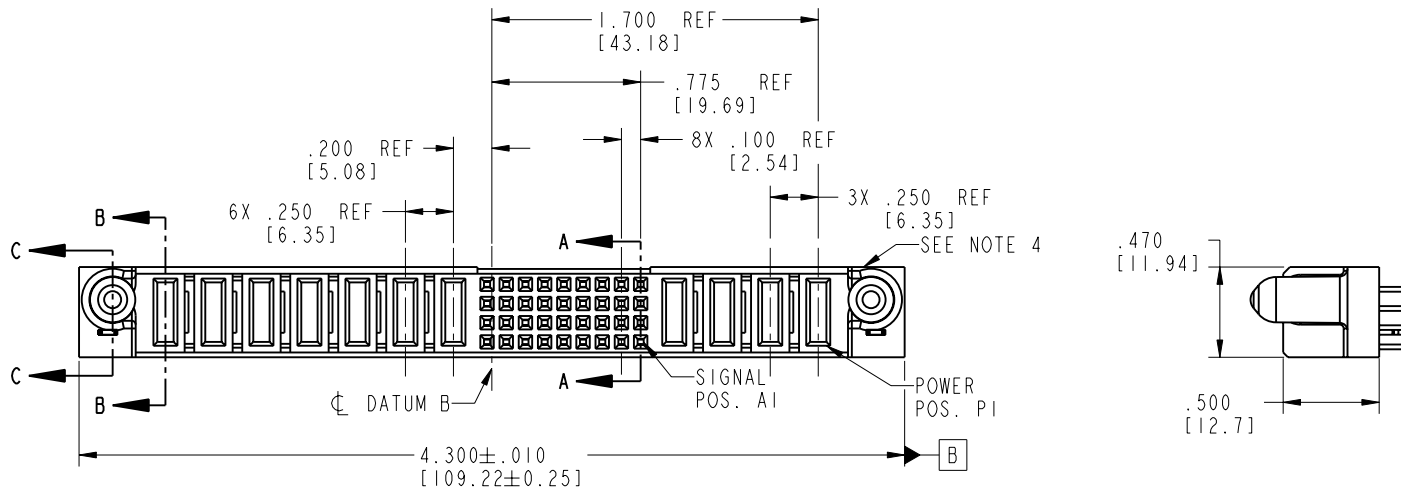


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FCI

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PRODUCT NO.	ROW S	POWER								SIGNAL								POWER					
		E2	P11	P10	P9	P8	P7	P6	P5	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1	E1
51750-062-- NOTE ③	D C B A		PA	PA	PA	PA	PA	PA	PA	E	E	E	E	E	E	E	E	E	PD	PD	PA	PA	



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

mat'l code				tolerances unless otherwise specified				CUSTOMER			
lfr	ecn no.	dr	date	linear	.XX ± .01/0.X ± 0.3	projection		COPY		FCI	www.fciconnect.com
A	V04-0689	TAB	07/06/04	linear	.XXX ± .005/0.XX ± 0.13	INCH/MM					
B	V04-1133	TAB	12/01/04	angles	.XXX ± .0020/0.XX ± 0.051	scale	1:1				
C	DG05-0504	GuoJM	11/29/05	dr	T. BRUNGARD 07/06/04						
				engr	M. GRAY 07/06/04						
				chr	M. GRAY 07/06/04						
				appd	M. GRAY 07/06/04						
sheet index	revision sheet	C	C	C	C						
		1	2	3	4						

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

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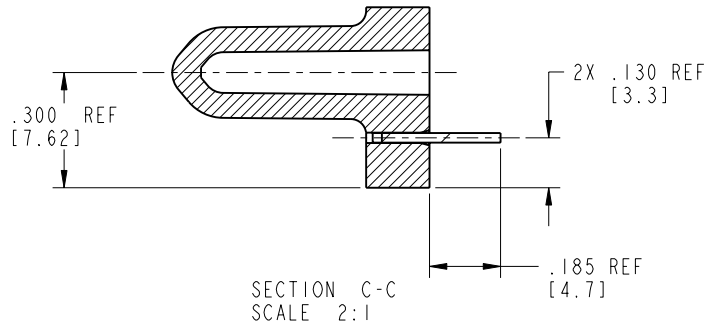
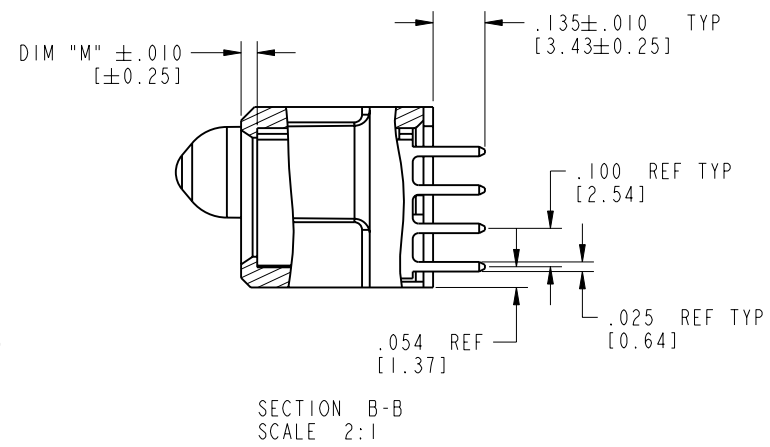
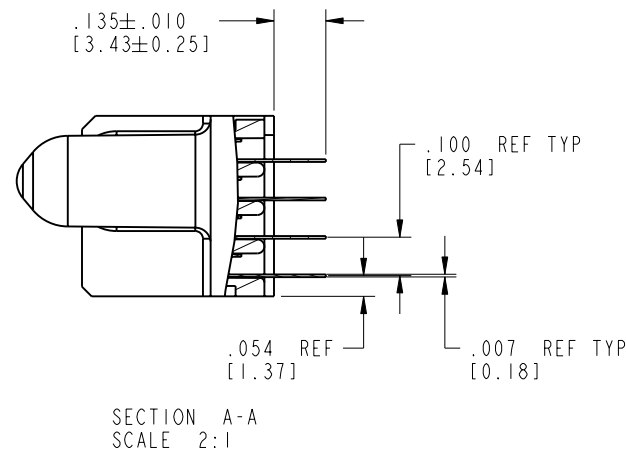
A
FCI

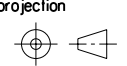
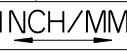
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A

B

PRODUCT NUMBER
51750-062--
NOTE ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
C					.XXX±.005/0.XX±0.13	projection		title	4P + 36S + 7P
				angles	.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER RECEPT	
				dr	T. BRUNGARD 07/06/04	INCH/MM		product family	PwrBlade
				engr	M. GRAY 07/06/04	scale	1:1	code	213
				chr	M. GRAY 07/06/04			size	dwg no
				appd	M. GRAY 07/06/04			A	51750-062
sheet index	revision sheet								sheet 2 of 4

A

B

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

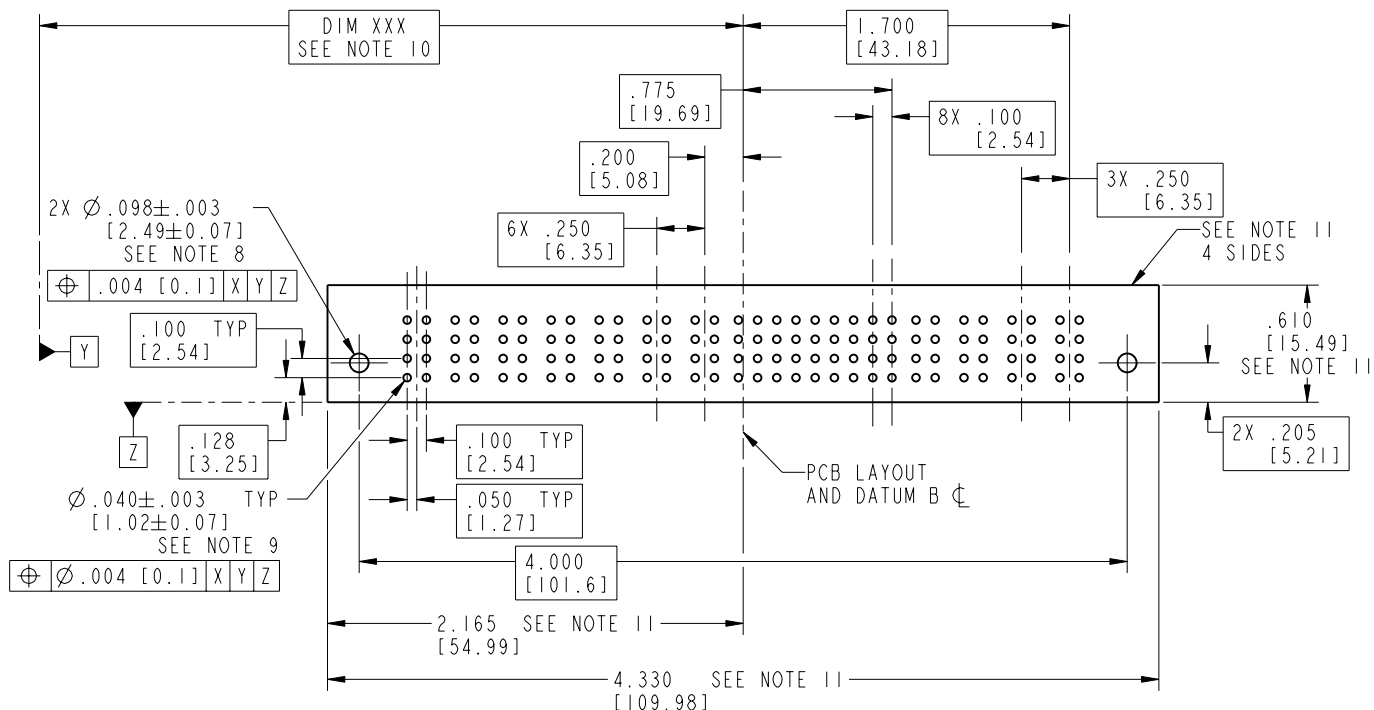
Printed: Dec 20, 2010

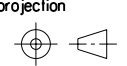
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FCI

PRODUCT NUMBER
51750-062--
NOTE ③



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	angular	COPY	projection	title	product family	code	
C				.XX±.01/0.X±0.3	0°±2°			4P + 36S + 7P	PwrBlade	213	
				.XXX±.005/0.XX±0.13				VERTICAL SOLDER RECEPT			
				.XXXX±.0020/0.XXX±0.051							
				dr	T. BRUNGARD	07/06/04					
				enrg	M. GRAY	07/06/04					
				chr	M. GRAY	07/06/04					
				appd	M. GRAY	07/06/04					
sheet index	revision	sheet									

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51750-062--
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:

51750-062 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.

51750-062LF 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 51750-062LF 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:

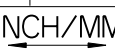
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨ $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 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		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		  INCH/MM scale 1:1				
C					.XXX±.005/0.XX±0.13		projection					title 4P + 36S + 7P	
					.XXX±.0020/0.XXX±0.051		angles					VERTICAL SOLDER RECEPT	
					0° ± 2°		dr					product family PwrBlade	
								engr	M. GRAY	07/06/04	code 213		
								chr	M. GRAY	07/06/04	size 4 of 4		
								appd	M. GRAY	07/06/04	sheet 4 of 4		
sheet index		revision sheet											

cage code 22526