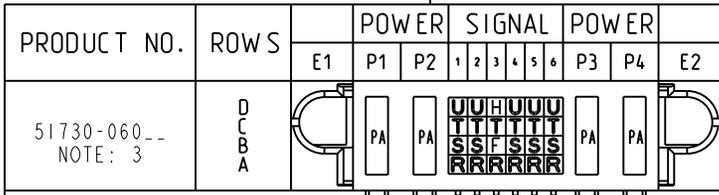
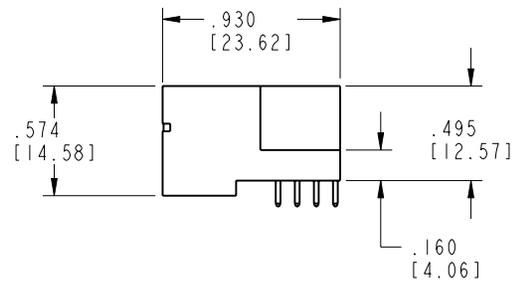
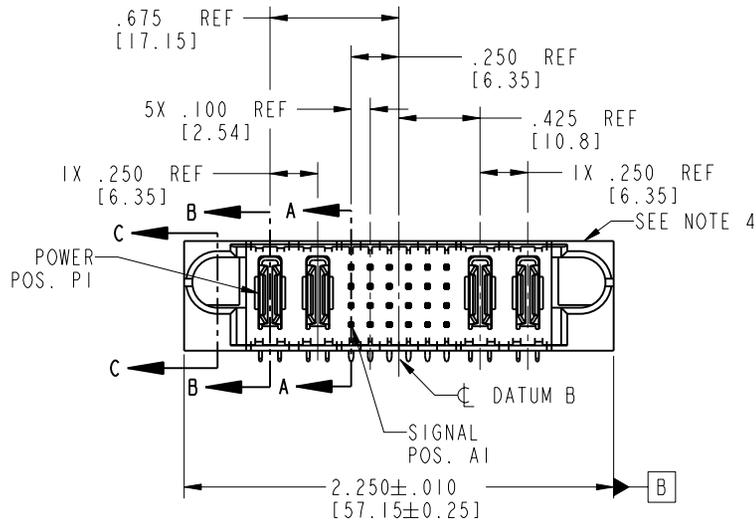


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PRODUCT NO. 51730-060-- NOTE: 3	ROWS D C B A	POWER		SIGNAL						POWER	
		E1	P1	P2	1	2	3	4	5	6	P3



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX±.01/0.XX±0.3		COPY		
A	V21693	TAB	10/23/02		.XXX±.005/0.XX±0.13		projection		
B	DG05-0389	GUOJM	10/19/05	angles	.XXX±.0020/0.XXX±0.051		INCH/MM		
					0° ± 2°		scale		
				dr	T. BRUNGARD	10/23/02	1:1		
				engr	M. MOSTOLLER	10/23/02			
				chr	M. MOSTOLLER	10/23/02			
				appd	M. MOSTOLLER	10/23/02			
sheet index	revision sheet	B	B	B	B				
		1	2	3	4				

www.fciconnect.com		product family		code	
2P + 24S + 2P R/A SOLDER HEADER		PwrBlade		213	
size		dwg no		sheet	
A		51730-060		1 of 4	

1 | 2

Pro/E

3 |

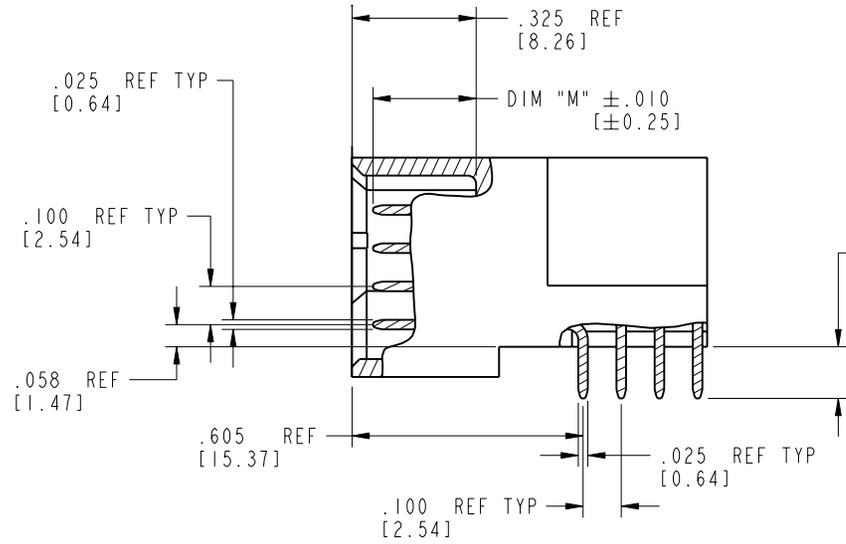
cage code 22526

4

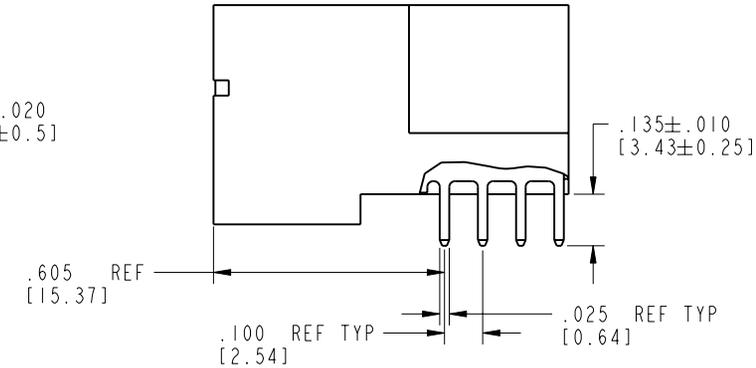
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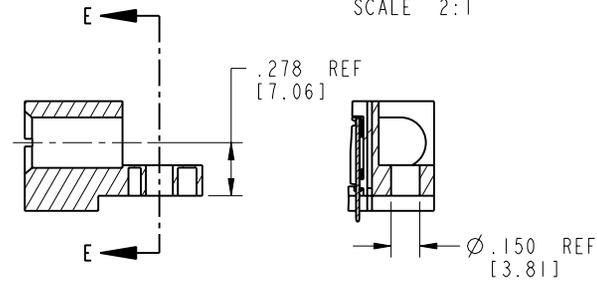
PRODUCT NUMBER  
51730-060--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C

PARTIAL SECTION E-E

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
B				projection	.XXX±.005/0.XX±0.13			title	
				angles	.XXX±.0020/0.XXX±0.051			2P + 24S + 2P R/A SOLDER HEADER	
				dr	T. BRUNGARD 10/23/02	INCH/MM		product family	
				engr	M. MOSTOLLER 10/23/02	scale		PwrBlade	
				chr	M. MOSTOLLER 10/23/02	1:1		code	
				appd	M. MOSTOLLER 10/23/02			213	
sheet index		revision sheet						size	
								dwg no	
								A 51730-060	
								sheet	
								2 of 4	

cage code 22526

Pro/E

PDM: Rev:B

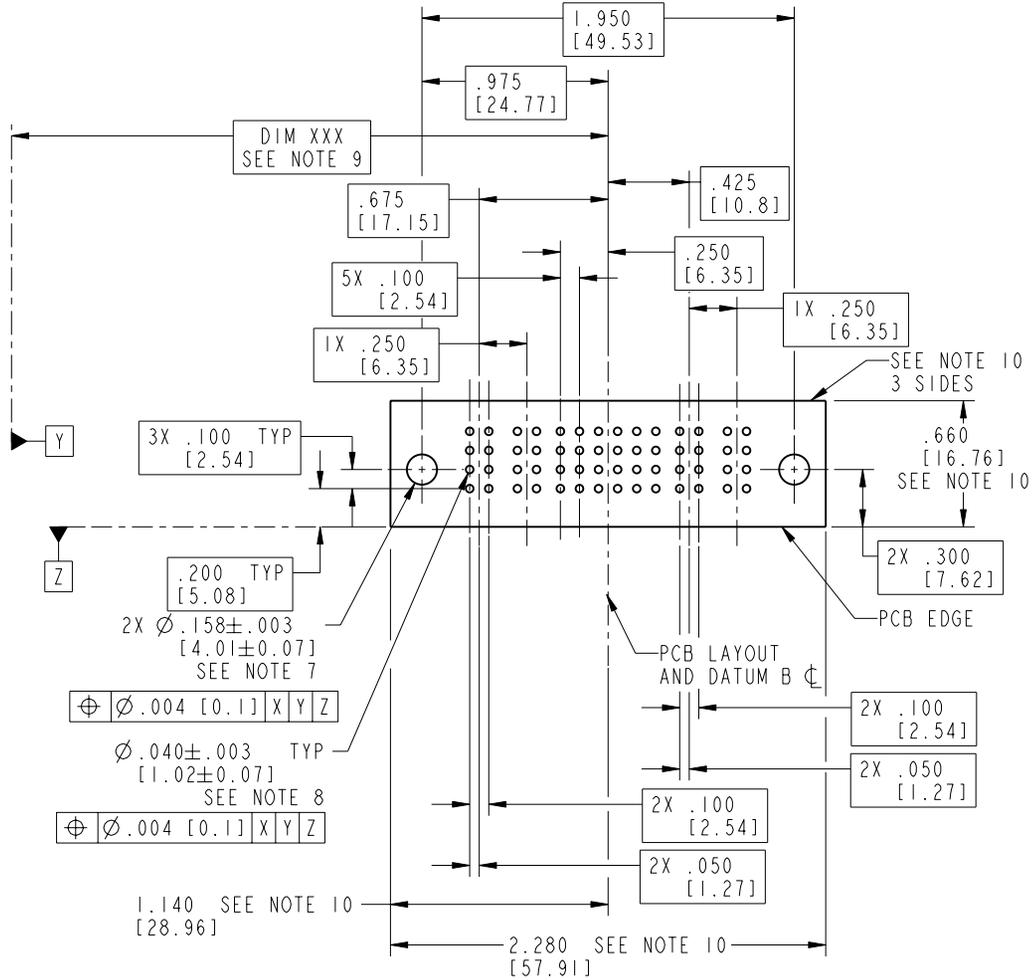
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER  
51730-060--  
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/0.XX±0.3	projection	COPY		title		
B				angles	.XXX±.005/0.XX±0.13		INCH/MM		2P + 24S + 2P		
				dr	.XXX±.0020/0.XXX±0.051	scale	1:1		R/A SOLDER HEADER		
				enr	T. BRUNGARD 10/23/02	product family	PwrBlade		code		
				chr	M. MOSTOLLER 10/23/02	size	A		213		
				appd	M. MOSTOLLER 10/23/02	dwg no	51730-060		sheet		
sheet index	revision sheet								3 of 4		

cage code 22526

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**A** **FCI**

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A

B

**PRODUCT NUMBER**

51730-060\_\_  
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:

51730-060 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.

51730-060LF 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 51730-060LF MEETS EUROPEAN UNION DIRECTIVE AND JOTHER 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.

**PCB NOTES:**

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8.  $\varnothing .0453 \pm .0010$  [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.

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

10. CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER	<b>A</b> <b>FCI</b>	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	www.fciconnect.com	
B				projection	.XXX±.005/0.XX±0.13		title	
				angles	.XXX±.0020/0.XXX±0.051		2P + 24S + 2P R/A SOLDER HEADER	
				dr	T. BRUNGARD 10/23/02	<b>INCH/MM</b> scale 1:1	product family	
				engr	M. MOSTOLLER 10/23/02		PwrBlade	code
				chr	M. MOSTOLLER 10/23/02		size	213
				appd	M. MOSTOLLER 10/23/02		dwg no	sheet
sheet index		revision sheet				A		51730-060
								4 of 4

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

coge code 22526

4