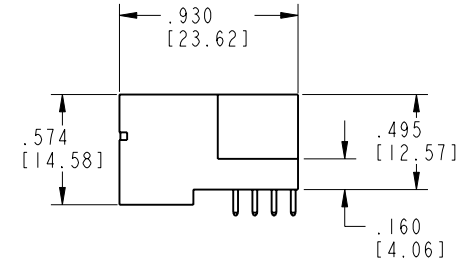
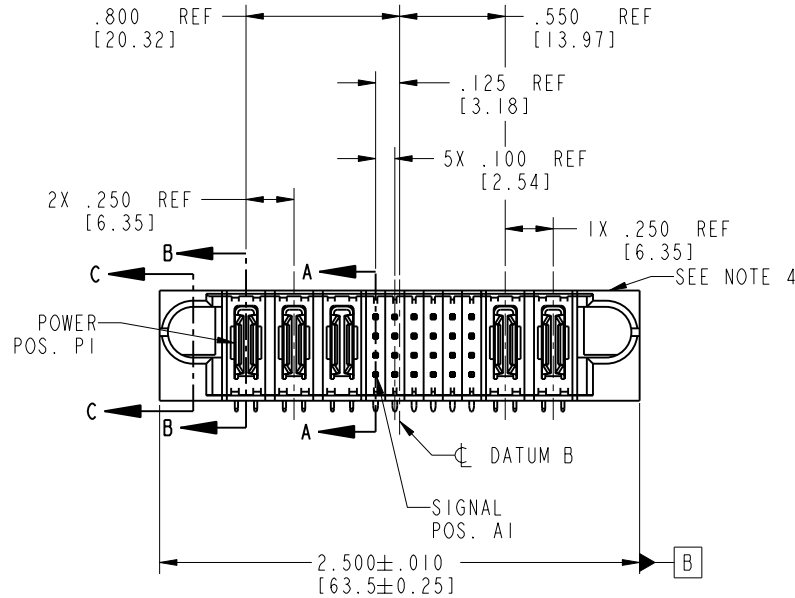
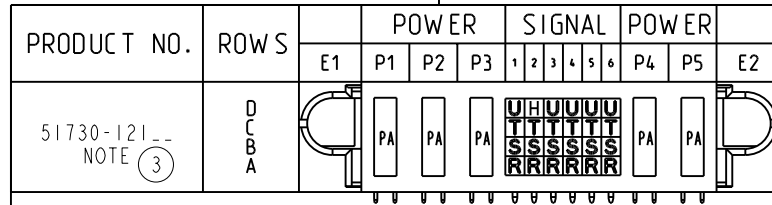


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
R	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
H	.220 [5.59]	SIGNAL

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 .XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051	COPY	projection		
A	DG06-0023	SW	01/17/05	angles	0°±2°			title	3P + 24S + 2P
				dr	STEVEN WANG 01/17/05		INCH/MM	product family	PwrBlade
				engr	STEVEN WANG 01/17/05		scale	size	dwg no
				chr	BEER FU 01/17/05		1:1	A	51730-121
				appd	JOSEPH HSIA 01/17/05				
sheet index	revision sheet	A 1	A 2	A 3	A 4				

Pro/E

cage code 22526

PDM: Rev:A

STATUS: Released

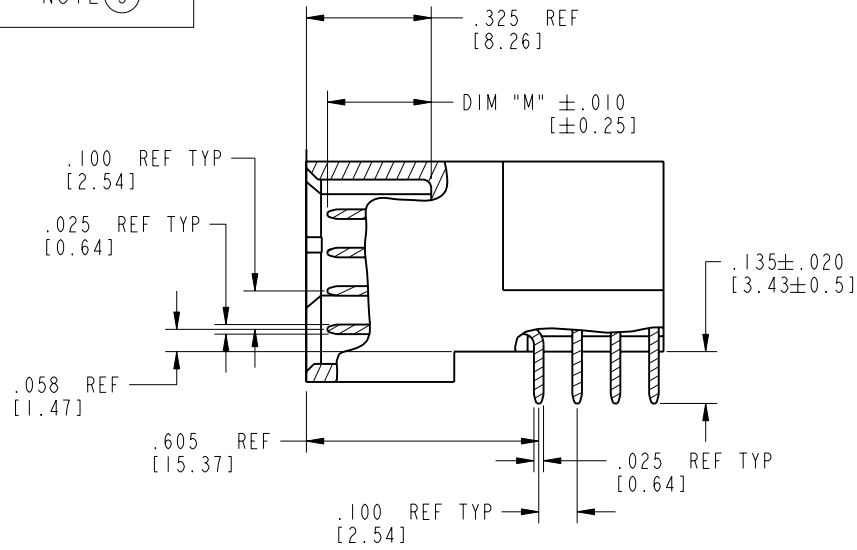
Printed: Dec 20, 2010

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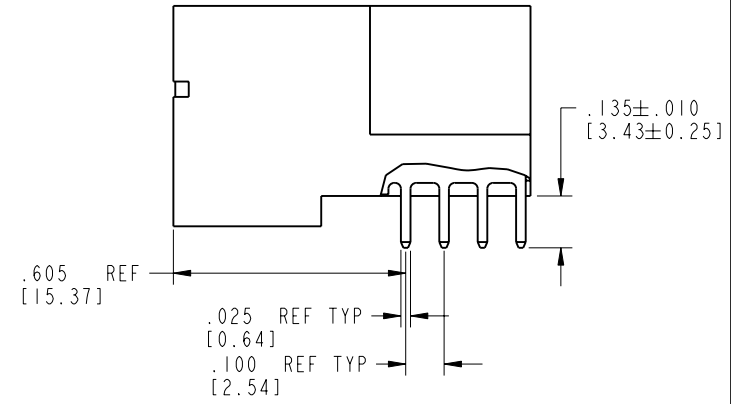
FCI

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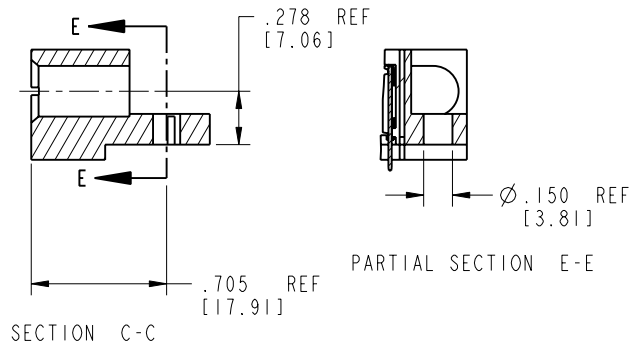
PRODUCT NUMBER
51730-121
NOTE ③



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

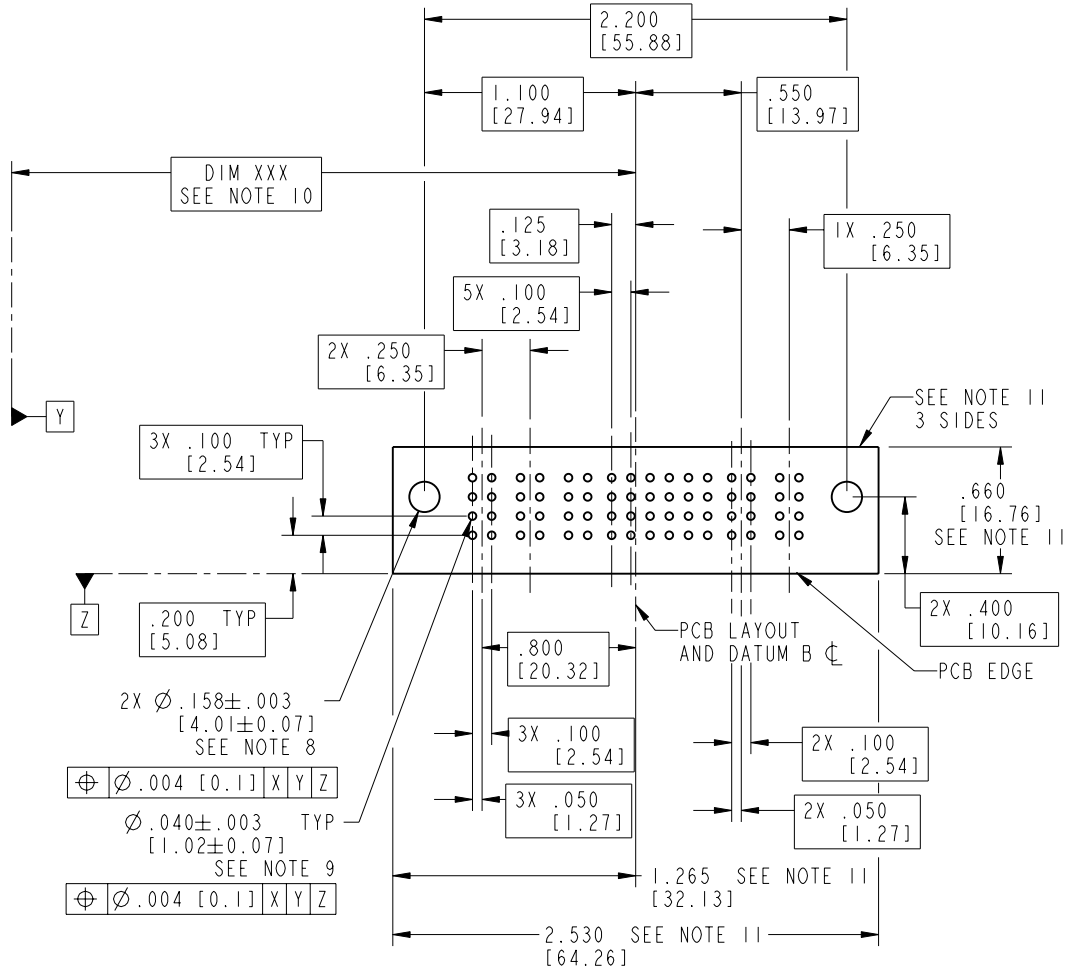
PARTIAL SECTION E-E

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	INCH/MM	title	3P + 24S + 2P
A					.XXX±.005/0.XX±0.13				
					.XXXX±.0020/0.XXX±0.051				
				angles	0°±2°	scale	1:1	product family	PwrBlade
				dr	STEVEN WANG 01/17/05				
				enr	STEVEN WANG 01/17/05				
				chr	BEER FU 01/17/05				
				appd	JOSEPH HSIA 01/17/05				
sheet index	revision	sheet						size	dwg no
								A	51730-121
								code	213
								sheet	2 of 4

cage code 22526

Pro/E

PRODUCT NUMBER
51730-121--
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection	title	product family	code	sheet
A				.XX±.01/0.X±0.3	°±2°			3P + 24S + 2P	PwrBlade	213	3 of 4
				.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
				.XXX±.0020/0.XXX±0.051							
				dr	STEVEN WANG	01/17/05					
				enr	STEVEN WANG	01/17/05					
				chr	BEER FU	01/17/05					
				appd	JOSEPH HSIA	01/17/05					
sheet index	revision	sheet									

Pro/E

cage code 22526

A

B

PRODUCT NUMBER
51730-121__
NOTE ③

NOTES:

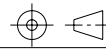
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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:
51730-121, 51730-121LF; 51730-121GLF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.
- 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		COPY			title	
A					.XXX±.005/0.XX±0.13		projection			3P + 24S + 2P	
					.XXX±.0020/0.XXX±0.051		INCH/MM			RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°		scale		product family		code
				dr	STEVEN WANG	01/17/05	1:1		PwrBlade		213
				engr	STEVEN WANG	01/17/05			size		sheet
				chr	BEER FU	01/17/05			dwg no		
				appd	JOSEPH HSIA	01/17/05			A 51730-121		4 of 4
sheet index	revision sheet										

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

code code
22526

4

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