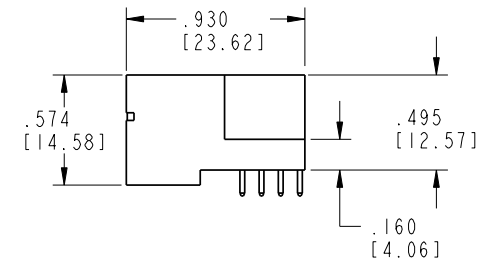
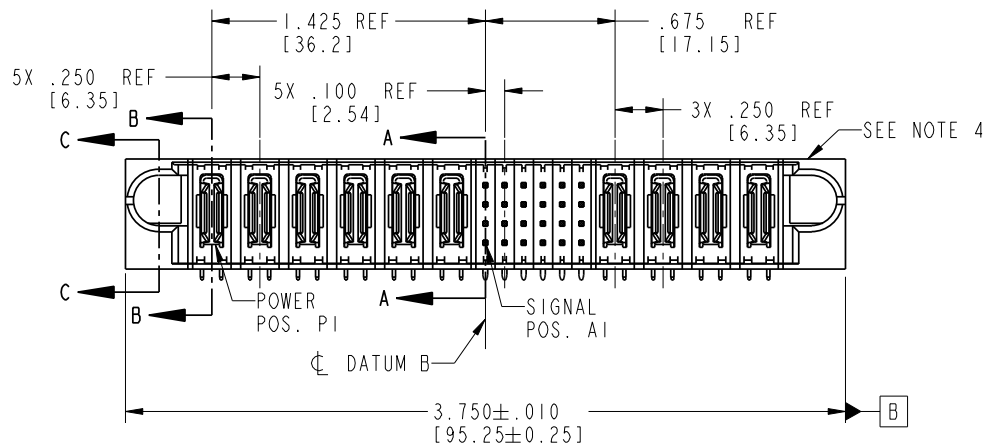




PRODUCT NO.	ROWS		POWER						SIGNAL						POWER					
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	E2	
51730-124-- NOTE ③	D C B A																			
																				



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
E	.220 [5.59]	SIGNAL

mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	www.fciconnect.com
A	DG06-0158	JMG	04/10/06	linear	.XXX±.005/0.XX±0.13	projection	title 6P + 24S + 4P
				angles	.XXX±.002/0.XXX±0.051		RIGHT ANGLE SOLDER HEADER
				dr	JM GUO 04/10/06	INCH/MM	product family PwrBlade
				enrg	SLUO 04/10/06	scale 1:1	size A
				chr	BEER FU 04/10/06		dwg no 51730-124
				appd	JOSEPH HSIA 04/10/06		code 213
sheet index	revision sheet	A 1	A 2	A 3	A 4		sheet 1 of 4

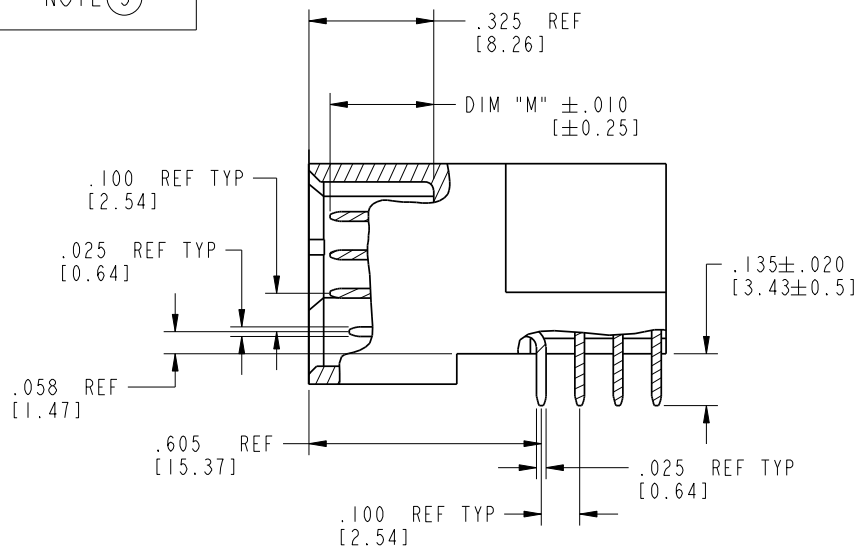
B

B

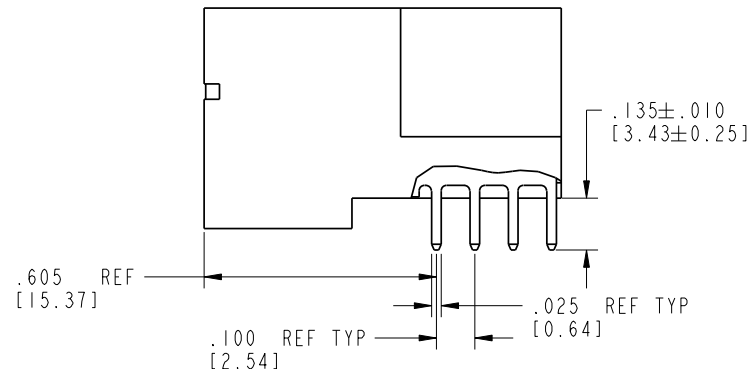


PRODUCT NUMBER

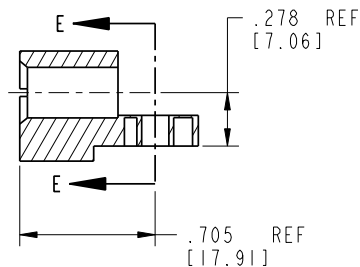
51730-124--
NOTE ③



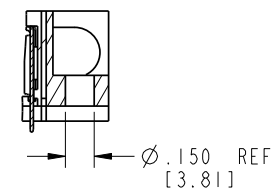
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mol'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	angles	dr	enrg	chr	appd	projection	title
A				.XX±.01/0.X±0.3	0°±2°	JM GUO 04/10/06	SLUO 04/10/06	BEER FU 04/10/06	JOSEPH HSIA 04/10/06	6P + 24S + 4P	RIGHT ANGLE SOLDER HEADER
				.XXX±.005/0.XX±0.13						INCH/MM	product family
				.XXX±.0020/0.XXX±0.051						scale	PwrBlade
										1:1	code
											size
											dwg no
											213
											sheet
											2 of 4
sheet index	revision sheet										

PDM: Rev: A

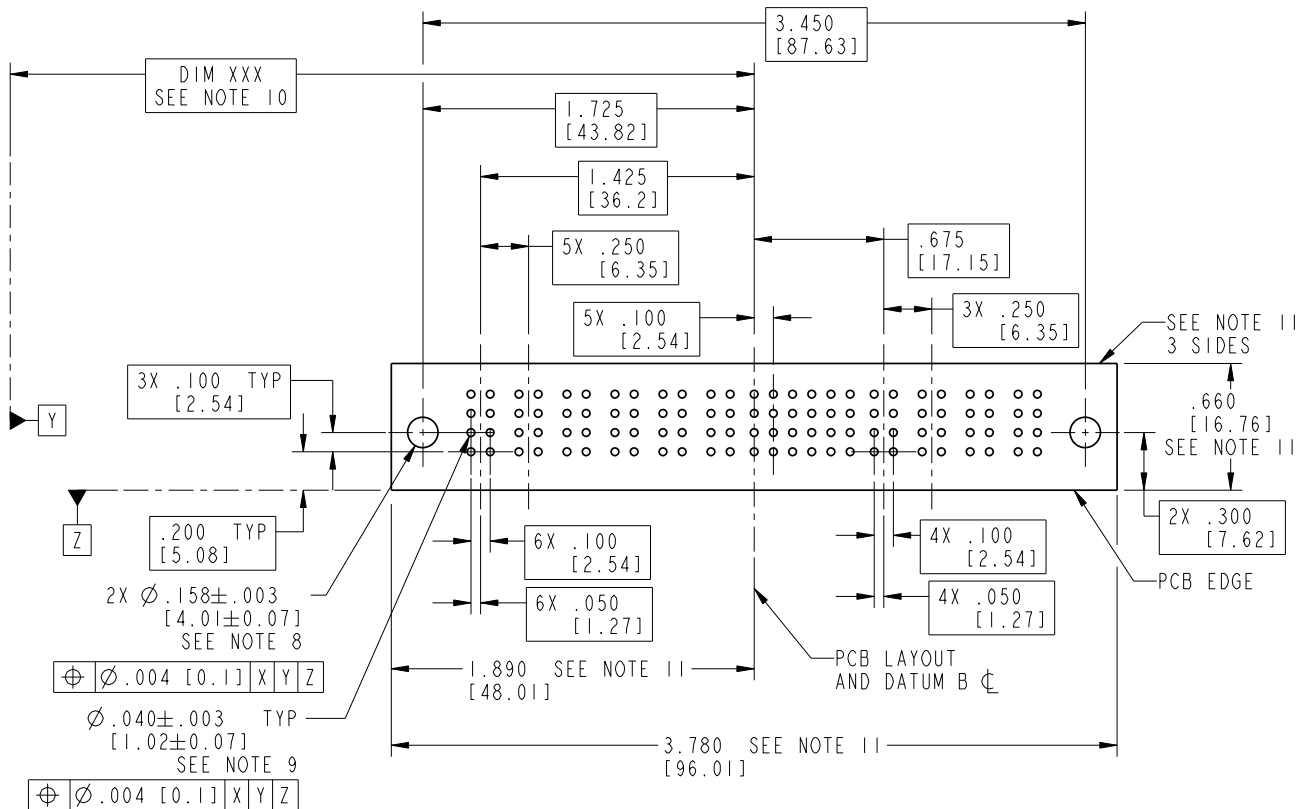
STAT US: Released

Printed: Dec 20, 2010



PRODUCT NUMBER

51730-124--
NOTE ③



RECOMMENDED PCB LAYOUT

mof'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	angles	linear	angles	COPY	projection	title	www.fciconnect.com
A						.XX±.01/0.X±0.3				6P + 24S + 4P	
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
						.XXXX±.0020/0.XXX±0.051					
						0°±2°					
				dr		JM GUO	04/10/06			product family	PwrBlade
				enrg		SLUO	04/10/06			size	213
				chr		BEER FU	04/10/06			dwg no	51730-124
				appd		JOSEPH HSIA	04/10/06			sheet	3 of 4
sheet index	revision sheet										



INCH/MM

scale 1:1



www.fciconnect.com

title 6P + 24S + 4P
RIGHT ANGLE SOLDER HEADER

product family PwrBlade
size 213
dwg no 51730-124
sheet 3 of 4

code code 22506

STAT US: Released

Printed: Dec 20, 2010

Pro/E

PDM: Rev: A



1 | 2

3 |

4

PRODUCT NUMBER

51730-124--
NOTE (3)

NOTES:

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

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
- PLATING:
51730-124, 51730-124LF, 51730-124GLF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.
- MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.
- PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
- PACKAGED IN TRAYS.

PCB NOTES:

- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- $\varnothing .0453 \pm .0010$ [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.
- "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01 / 0.X $\pm$ 0.3	projection 	title 6P + 24S + 4P RIGHT ANGLE SOLDER HEADER
A					.XXX $\pm$.005 / 0.XX $\pm$ 0.13		
				angles	.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051		product family PwrBlade
					0° $\pm$ 2°		
				dr	JM GUO 04/10/06	INCH/MM 	code 213
				enrg	SLUO 04/10/06		
				chr	BEER FU 04/10/06	scale 1:1	size A
				appd	JOSEPH HSIA 04/10/06		
sheet index	revision sheet						dwg no 51730-124
							sheet 4 of 4

1 | 2

Pro/E

PDM: Rev: A

STAT US: Released

Printed: Dec 20, 2010