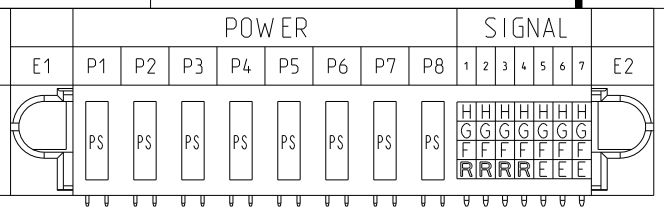
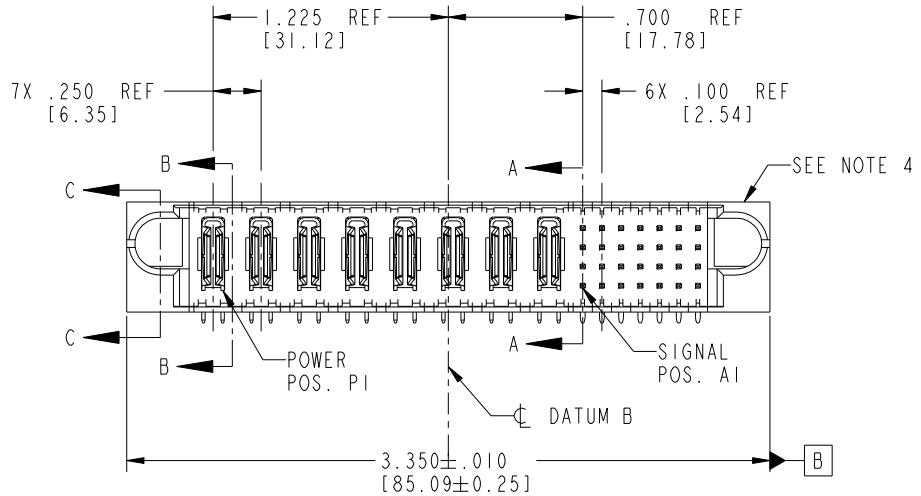
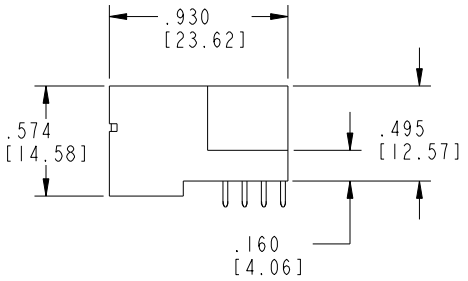
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PRODUCT NO.	ROWS
51732-022__ Note: (3)	D C B A







CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
PS	N/A [N/A]	POWER

mat'l code	SEE NOTE 2

ltr	ecn no.	dr	date
A	V04-0801	TAB	08/05/04
B	DG05-0102	GuoJM	05/05/05
C	DG05-0554	GuoJM	12/19/05
D	DG08-0253	SH	09/15/08
E	DG08-0272	W D	09/25/08

tolerances unless otherwise specified			
linear	.XX±.01/0.X±0.3		
	.XXX±.005/0.XX±0.13		
	.XXXX±.0020/0.XXX±0.051		
angles	0° ±2°		
dr	T. BRUNGARD	08/05/04	
engr	M. GRAY	08/05/04	
chr	M. GRAY	08/05/04	
appd	M. GRAY	08/05/04	

sheet index	revision	E	E
	sheet	1	2

E	E
3	4

CUSTOMER COPY

projection

INCH/MM

scale 1:1

www.fciconnect.com

title: 8P + 28S RIGHT ANGLE SOLDER HEADER

product family: PwrBlade

code: 213

size: A

dwg no: 51732-022

sheet: 1 of 4

cage code: 22526

Pro/E

PDM: Rev:E

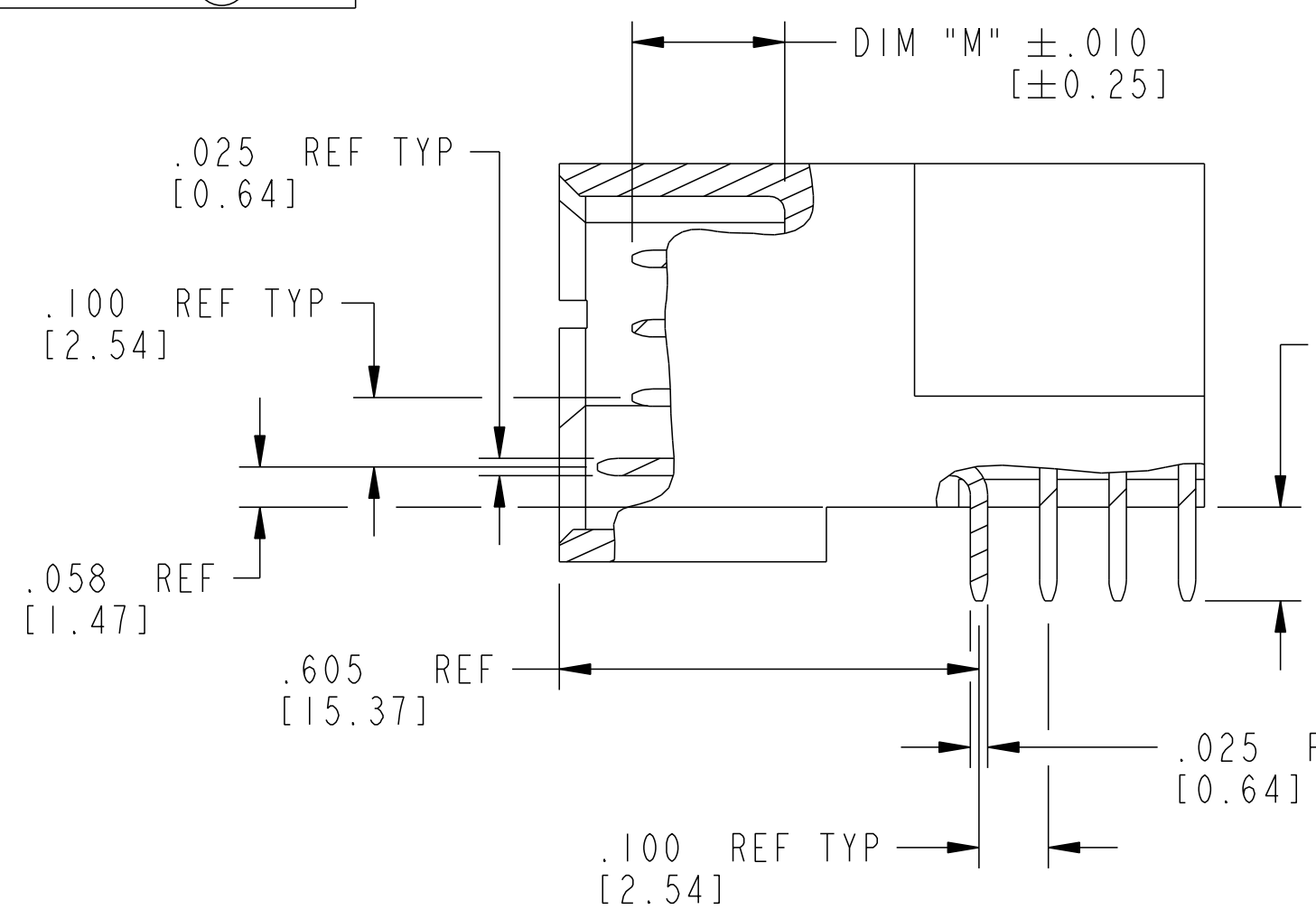
STATUS: Released

Printed: Dec 20, 2010

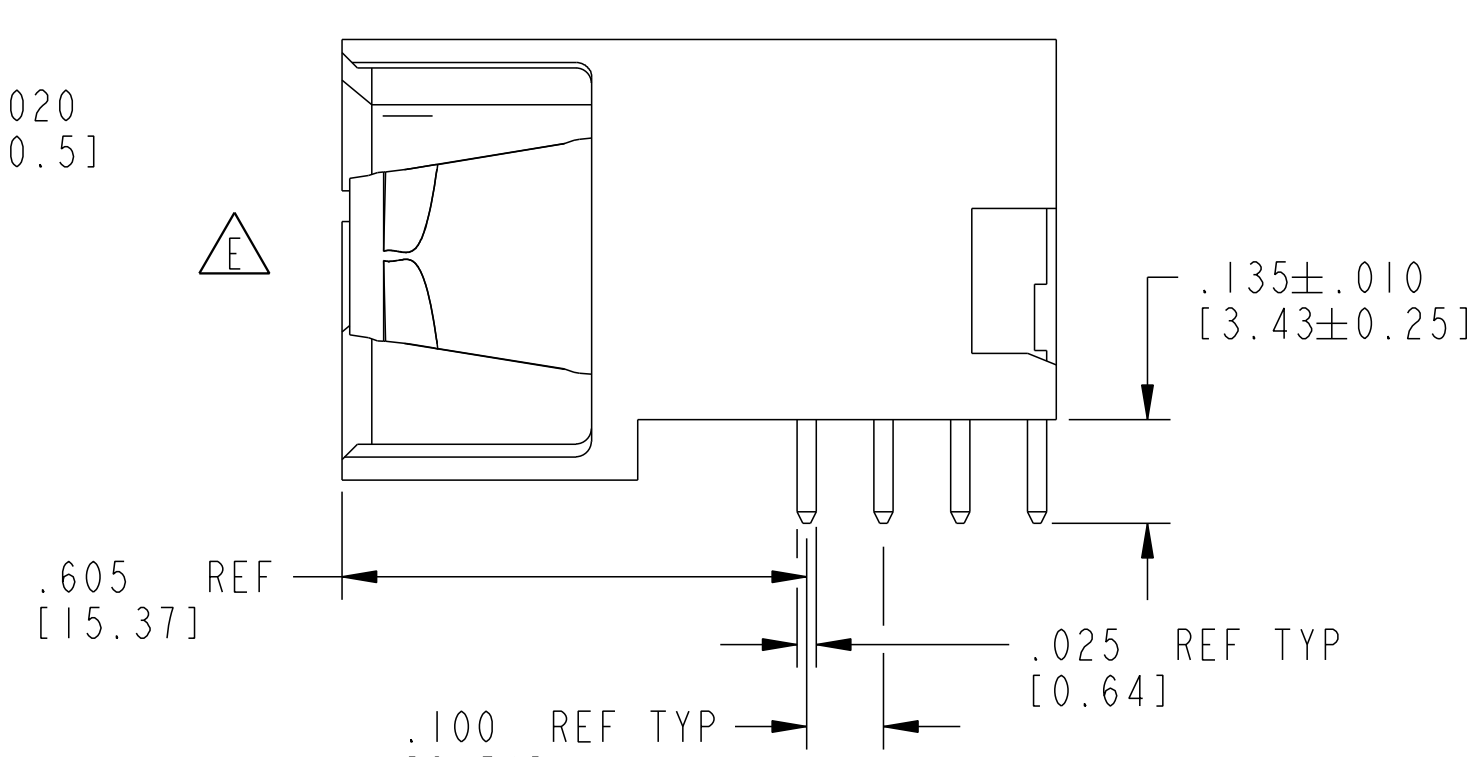
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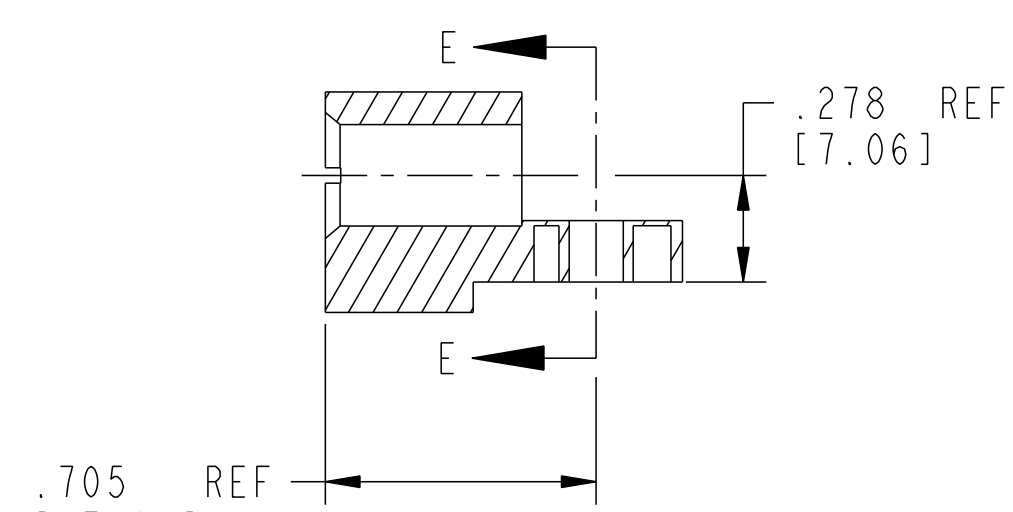
PRODUCT NUMBER
51732-022_ _ Note:(3)



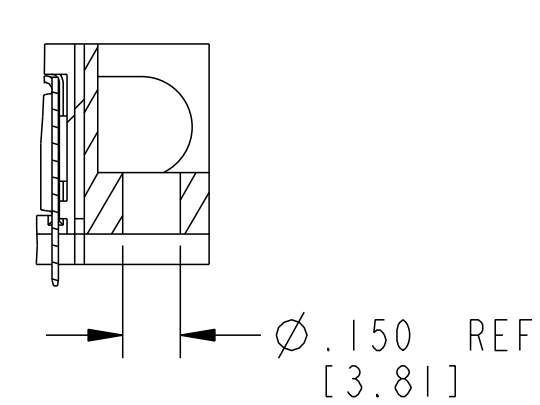
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code	SEE NOTE 2			tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX± .01/0.X±0.3 .XXX± .005/0.XX±0.13 .XXXX± .0020/0.XXX±0.051		projection	title 8P + 28S RIGHT ANGLE SOLDER HEADER	
E				angles	0° ±2°				
				dr	T. BRUNGARD	08/05/04	INCH/MM	product family PwrBlade	code 213
				engr	M. GRAY	08/05/04		size A / dwg no 51732-022	sheet 2 of 4
				chr	M. GRAY	08/05/04	scale 1:1		
				appd	M. GRAY	08/05/04			
sheet index	revision / sheet								

Pro/E

PDM: Rev:E STATUS: Released cage code 22526 Printed: Dec 20, 2010

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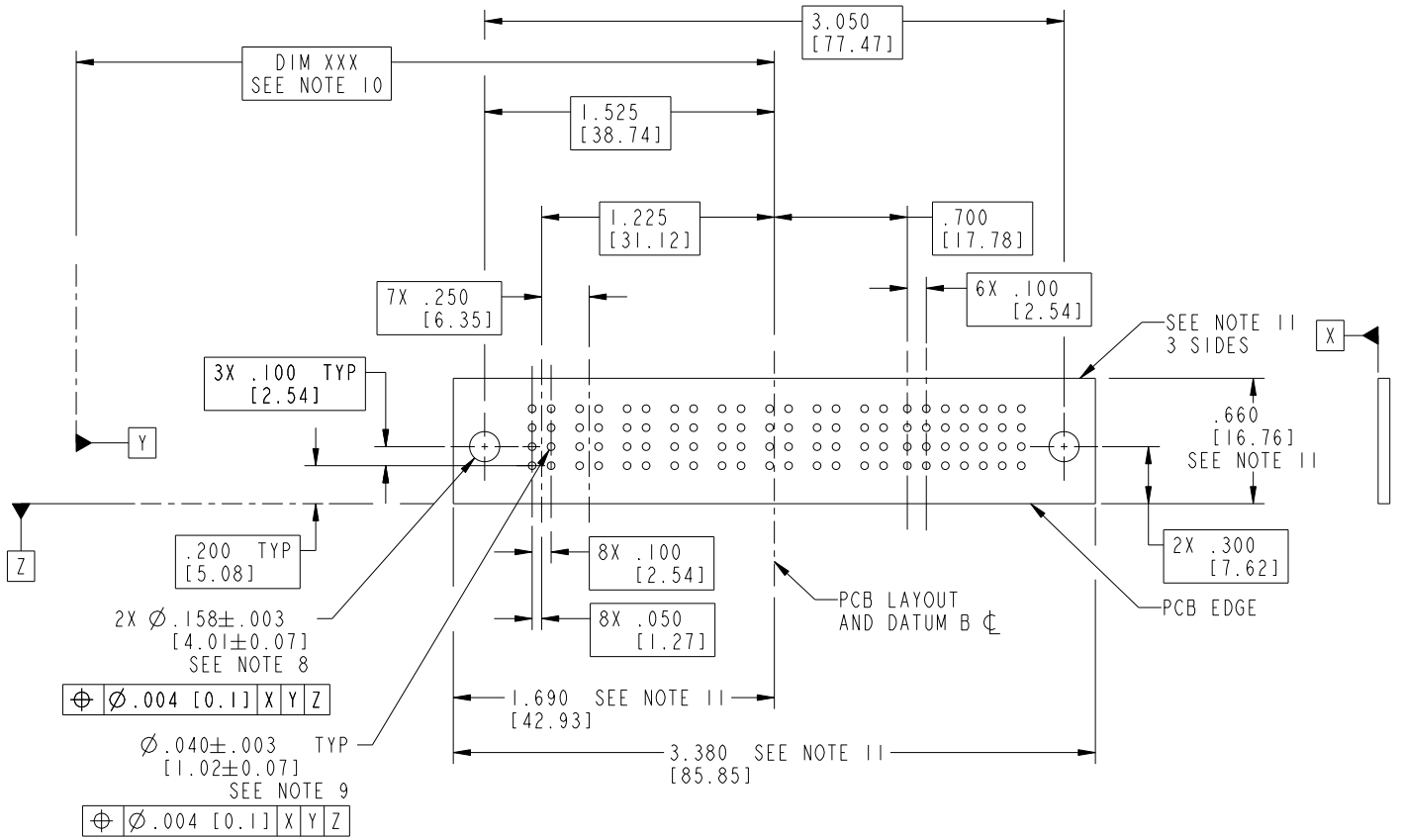
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PRODUCT NUMBER
51732-022__
Note: (3)



RECOMMENDED PCB LAYOUT

mat'l code	SEE NOTE 2			tolerances unless otherwise specified			CUSTOMER	FCI			
ltr	ecn no.	dr	date		.XX±.01/0.X±0.3		COPY	www.fciconnect.com			
E				linear	.XXX±.005/0.XX±0.13		projection	title	8P + 28S RIGHT ANGLE SOLDER HEADER		
					.XXXX±.0020/0.XXX±0.051						
				angles	0°±2°						
				dr	T. BRUNGARD	08/05/04	INCH/MM	product family	PwrBlade	code	213
				engr	M. GRAY	08/05/04		size	dwg no		
				chr	M. GRAY	08/05/04	scale	A	51732-022	sheet	3 of 4
				appd	M. GRAY	08/05/04	1:1				
sheet index	revision										
	sheet										

PDM: Rev:E

STATUS: Released

cage code 22526

Printed: Dec 20, 2010

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PRODUCT NUMBER
51732-022__
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

△E 3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51732-022 AND 51732-022LF RESPECTIVELY.

(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.) Ø.0453±.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
Ø.040±.003 [1.02±.07] HOLE.

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

(11.) CONNECTOR KEEP-OUT ZONE.

12. A △E SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code	SEE NOTE 2	tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com
ltr / ecn no. / dr / date		linear	.XX±.01/0.X±0.3	COPY	
E			.XXX±.005/0.XX±0.13	projection	title: 8P + 28S RIGHT ANGLE SOLDER HEADER
			.XXXX±.0020/0.XXX±0.051		
		angles	0° ±2°		
		dr	T. BRUNGARD 08/05/04	INCH/MM	product family: PwrBlade; code: 213
		engr	M. GRAY 08/05/04		size: A; dwg no: 51732-022; sheet: 4 of 4
		chr	M. GRAY 08/05/04	scale 1:1	
		appd	M. GRAY 08/05/04		
sheet index	revision / sheet				