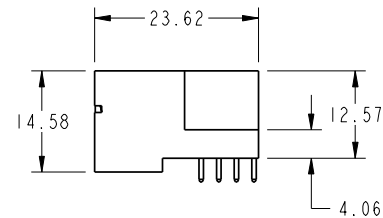
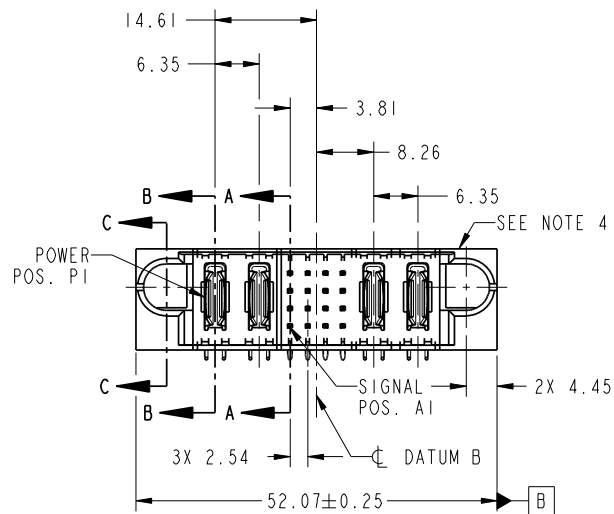


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PRODUCT NO.	ROWS	POWER			SIGNAL				POWER		E2
		E1	P1	P2	1	2	3	4	P3	P4	
51730-187-- NOTE 3	D C B A		 PA	 PA	 UUUU	 TTTT	 SSSS	 RRRR	 PA	 PA	
		           									



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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	projection	title
A	DG10-0432	HZ	12/01/10	0.X ±0.5	0° ±2°	Helen Zhang	Jerome Chen	PM ZHENG	JOSEPH HSIA	MM	2P+16S+2P RIGHT ANGLE SOLDER HEADER
				0.XX ±0.25		12/01/10	12/09/10	12/01/10	12/01/10	scale	product family
				0.XXX ±0.1						1:1	PwrBlade
											code
											213
											sheet
											1 of 4
sheet	revision	A	A	A	A						
index	sheet	1	2	3	4						

Pro/E

cage code 22526

PDM: Rev:A

STATUS:Released

Printed: Dec 22, 2010

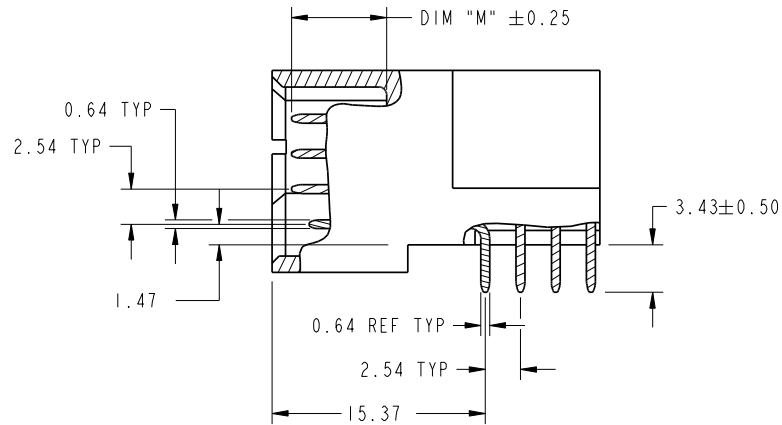
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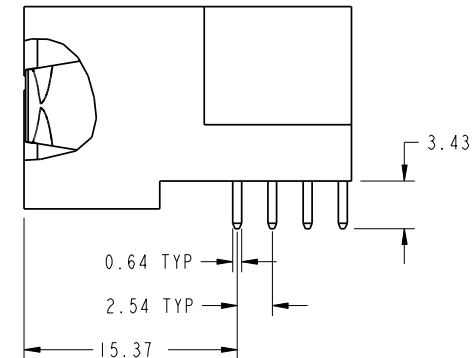
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PRODUCT NUMBER

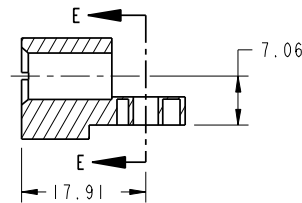
51730-187--
NOTE: 3



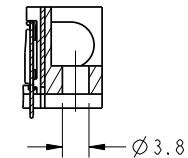
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		2P+16S+2P	
				angles	0.XXX ±0.1			RIGHT ANGLE SOLDER HEADER	
					0° ±2°				
				dr	Helen Zhang 12/01/10	MM		product family PwrBlade	
				engr	Jerome Chen 12/09/10	scale		size dwg no	
				chr	PM ZHENG 12/01/10	1:1		A 51730-187	
				appd	JOSEPH HSIA 12/01/10			code 213	
sheet index	revision sheet							sheet 2 of 4	

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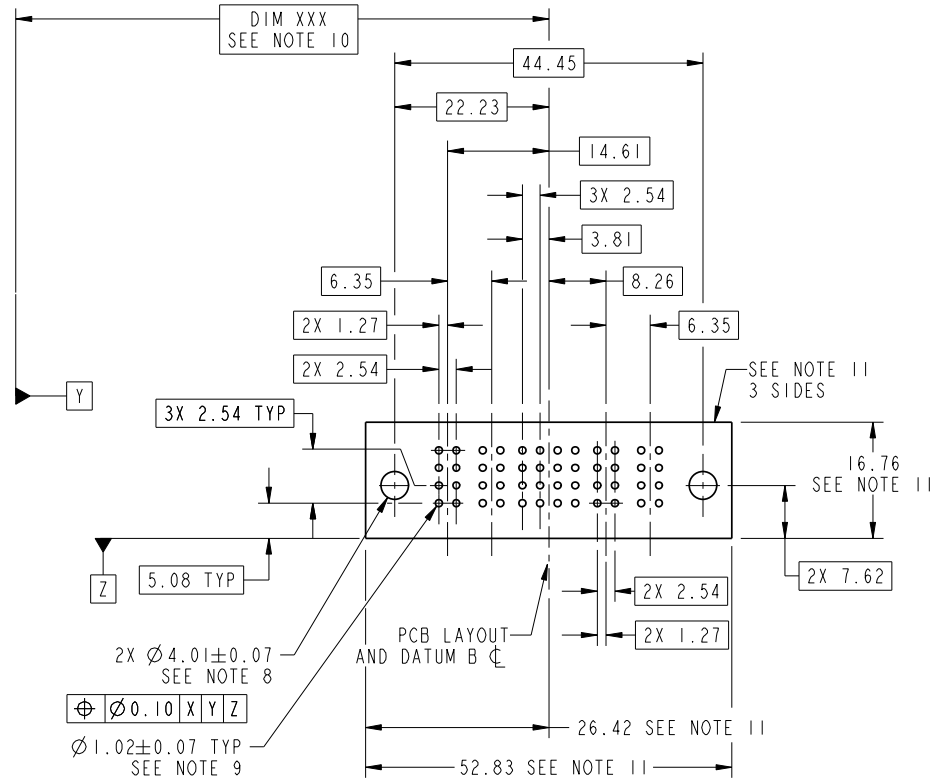
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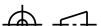
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PRODUCT NUMBER

51730-187--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
lfr	ecm no.	dr	date	linear	0.X ±0.5		COPY		projection 	title 2P+16S+2P RIGHT ANGLE SOLDER HEADER	
A					0.XX ±0.25						
				angles	0.XXX ±0.1					product family PwrBlade	
					0° ±2°						
				dr	Helen Zhang	12/01/10	MM		size	dwg no 51730-187	
				engr	Jerome Chen	12/09/10	scale				
				chr	PM ZHENG	12/01/10	1:1		A		
				appd	JOSEPH HSIA	12/01/10					
sheet index	revision sheet										

FCI		www.fciconnect.com	
		2P+16S+2P	
		RIGHT ANGLE SOLDER HEADER	
product family		PwrBlade	
size		dwg no	
A		51730-187	
		code	
		213	
		sheet	
		3 of 4	



www.fciconnect.com

projection



MM

scale 1:1

title

2P+16S+2P
RIGHT ANGLE SOLDER HEADER

product family

PwrBlade

code

213

sheet

3 of 4

size

dwg no

51730-187

code

22526

sheet

3 of 4

Pro/E

3

cage code

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4

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PRODUCT NUMBER

51730-187--
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
 - SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-187 AND 51730-187LF RESPECTIVELY.
 - MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON
THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH
SPACE 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.
 - $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
 - "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date								www.fciconnect.com
A				linear		$0.X \pm 0.5$		COPY		title 2P+16S+2P RIGHT ANGLE SOLDER HEADER	
						$0.XX \pm 0.25$		projection			
				angles		$0.XXX \pm 0.1$				product family PwrBlade	
						$0^\circ \pm 2^\circ$		MM			
				dr	Helen Zhang	12/01/10		scale		size	dwg no
				engr	Jerome Chen	12/09/10		1:1	A	51730-187	213
				chr	PM ZHENG	12/01/10					sheet
				appd	JOSEPH HSIA	12/01/10					4 of 4
sheet index	revision sheet										

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