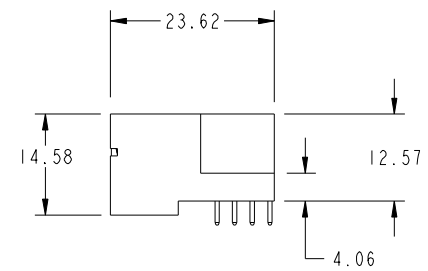
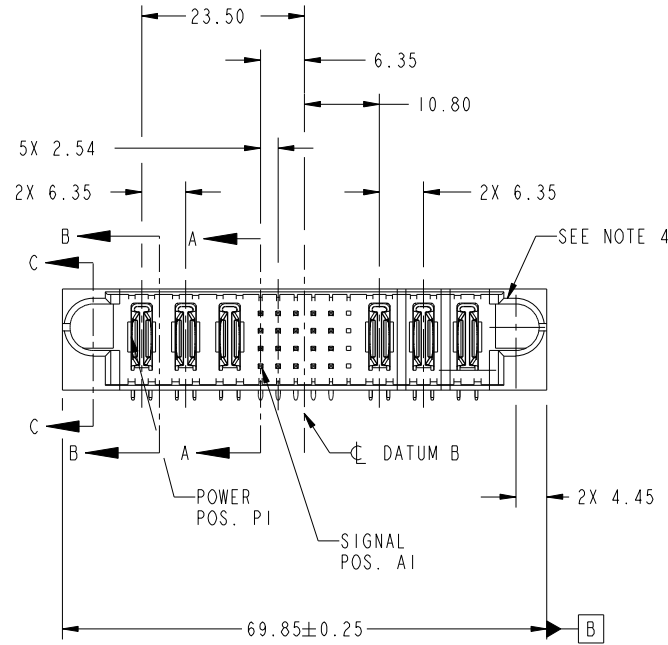


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PRODUCT NO.	ROWS	POWER			SIGNAL						POWER			E2	
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5		P6
51730-178... NOTE 3	D C B A		PA	PA	PA	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	



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
X	OMITTED	OMITTED

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	projection		COPY		www.fciconnect.com	
A	DG10-0253	Cenh	07/07/10	angles	0.XX ±0.25	MIM		title		3P + 24S + 3P	
				dr	0.XXX ±0.1	scale		product family		PwrBlade	
				enr	0° ±2°	1:1		size		code	
				chr	Heaven Cen 07/07/10			dwg no		213	
				appd	Heaven Cen 07/07/10			51730-178		sheet	
					PM ZHENG 07/07/10			A		1 of 4	
					JOSEPH HSIA 07/07/10						
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

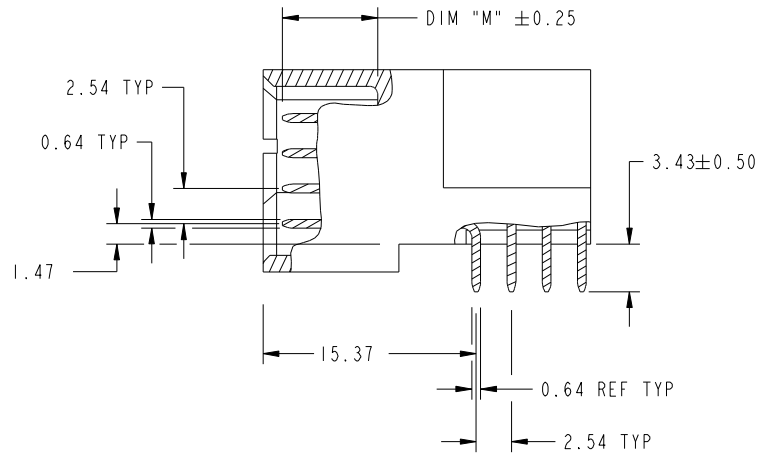
cage code 22526

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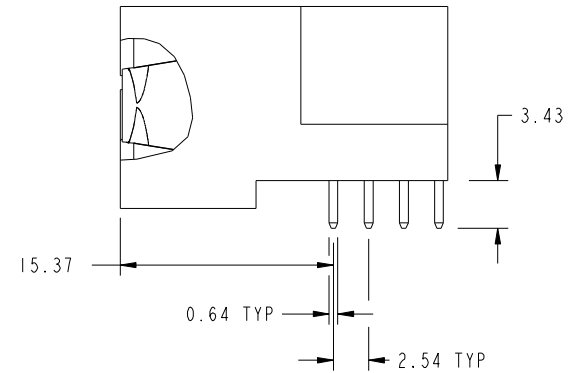
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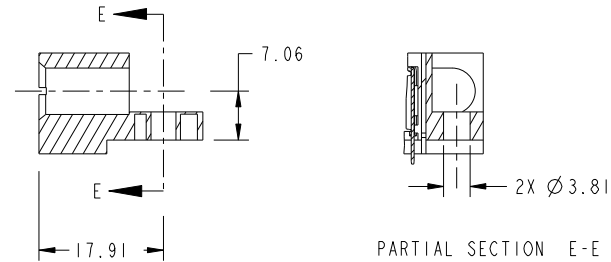
PRODUCT NUMBER
51730-178-
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		title	
A					0.XX ±0.25	projection		3P + 24S + 3P RIGHT ANGLE SOLDER HEADER	
				angles	0.XXX ±0.1			product family PwrBlade code	
				dr	0° ±2°			size	
				enrg	Heaven Cen 07/07/10	scale		dwg no	
				chr	Heaven Cen 07/07/10	1:1		51730-178	
				appd	PM ZHENG 07/07/10			sheet	
					JOSEPH HSIA 07/07/10			2 of 4	
sheet index	revision sheet								

cage code 22526

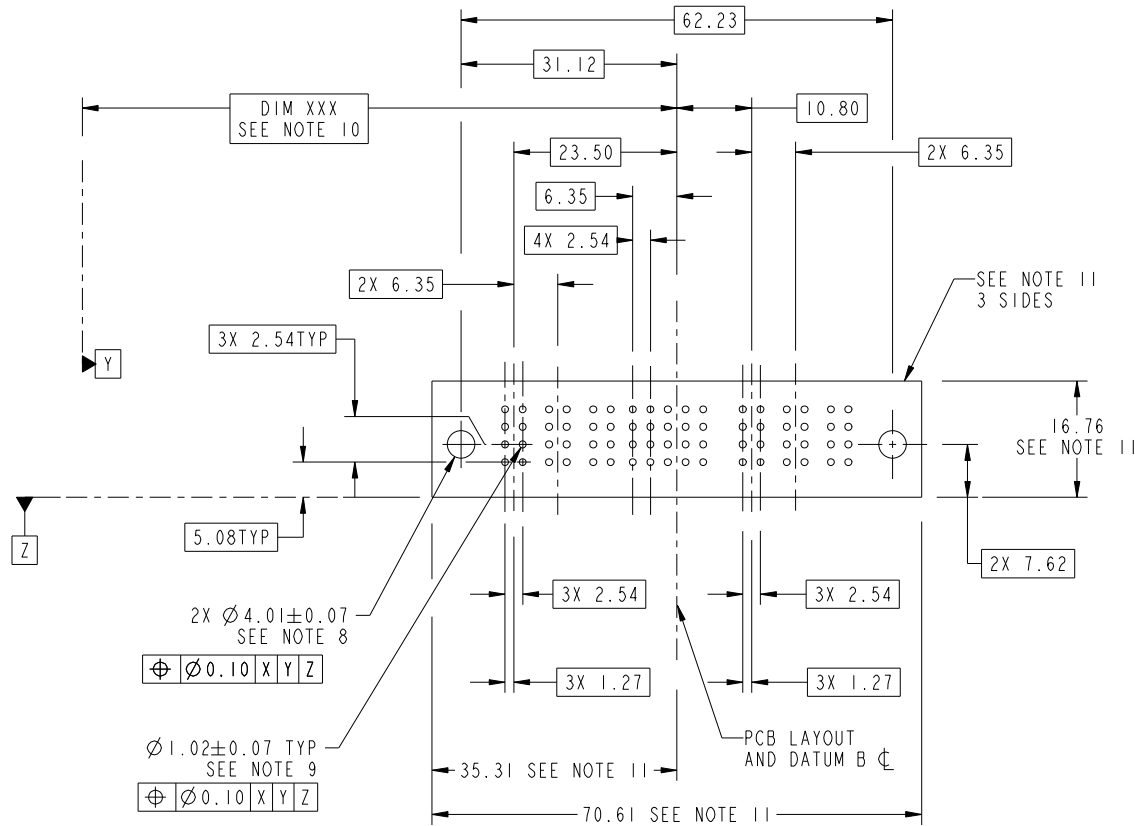
Pro/E

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PRODUCT NUMBER
51730-178-
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A					0.XX ± 0.25	projection		title	
				angles	0.XXX ± 0.1			3P + 24S + 3P RIGHT ANGLE SOLDER HEADER	
				dr	0° ± 2°			product family PwrBlade code 213	
				engr	Heaven Cen 07/07/10	scale		size dwg no 213	
				chr	Heaven Cen 07/07/10	1:1		sheet 3 of 4	
				appd	PM ZHENG 07/07/10			51730-178	
					JOSEPH HSIA 07/07/10				
sheet index	revision sheet								

cage code 22526

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PRODUCT NUMBER
51730-178-- 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-178 AND 51730-178LF RESPECTIVELY.
- 4. 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.
- 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. $\varnothing 1.151 \pm 0.025$ 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.
- 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11. CONNECTOR KEEP-OUT ZONE.

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.5	COPY		title			
A					0.XX ± 0.25	projection		3P + 24S + 3P RIGHT ANGLE SOLDER HEADER			
				angles	0.XXX ± 0.1			product family PwrBlade code			
				dr	Heaven Cen 07/07/10	MIM		size		213	
				enrg	Heaven Cen 07/07/10			dwg no		sheet	
				chr	PM ZHENG 07/07/10	scale		A 51730-178		4 of 4	
				appd	JOSEPH HSIA 07/07/10	1:1					
sheet index	revision sheet										

cage code 22526

Pro/E