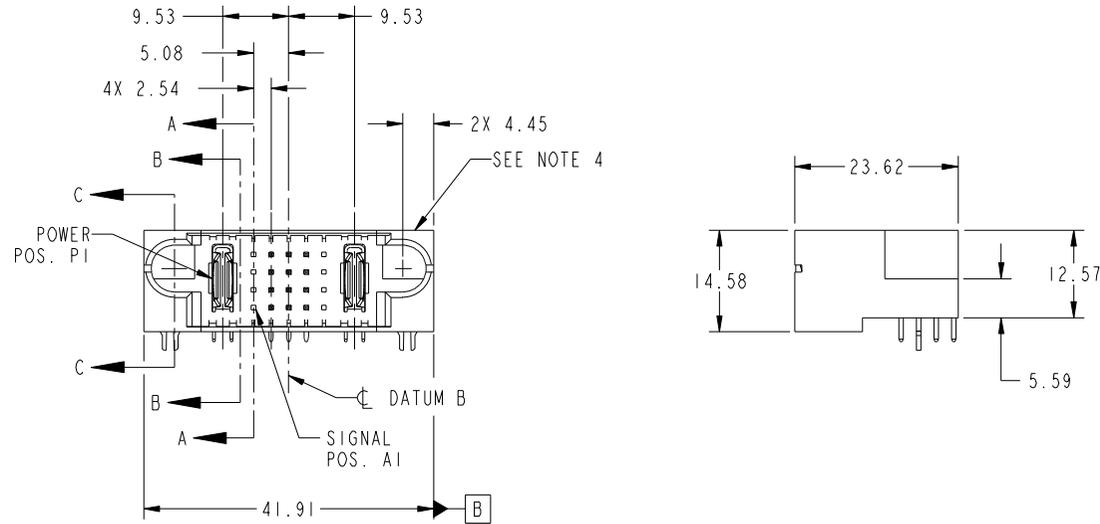


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PRODUCT NO. 51730-172-- NOTE 3	ROWS DCBA	Pwr		SIGNAL					Pwr			
		E1	P1	1	2	3	4	5	P2	E2		
		HA	PA	X	H	U	X	X	U	X	PA	HA
				X	T	T	T	T	X			
				X	S	S	S	S	X			
				X	R	R	R	R	X			



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
H	[5.59]	SIGNAL
X	OMITTED	

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		title	
A	DG10-0148	HW	4/21/10		0.XX ± 0.25	projection		IP + 20S + 1P		RIGHT ANGLE SOLDER HEADER	
B	DG10-0174	HW	5/10/10	angles	0.XXX ± 0.1	MIM		product family		PwrBlade	code
				dr	0° ± 2°	scale		size	dwg no	213	
				enr	HENRY WANG 4/21/10	1:1		A	51730-172	sheet	
				chr	PM ZHENG 4/21/10					1 of 4	
				appd	JOSEPH HSIA 4/21/10						
sheet index	revision sheet	B 1	B 2	B 3	B 4						

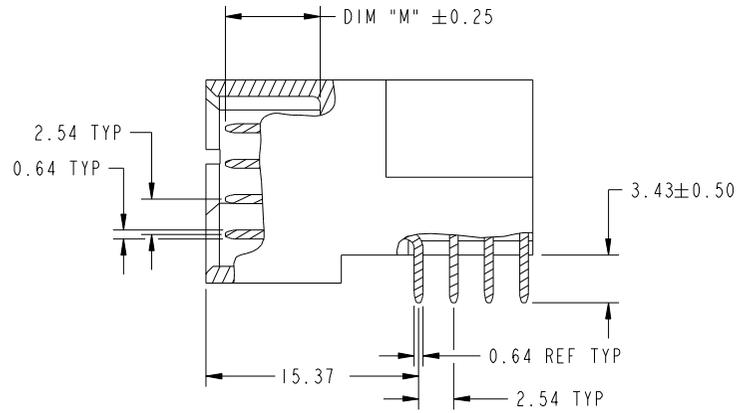
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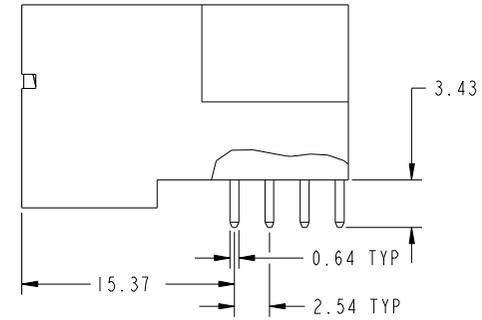
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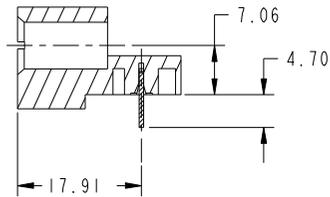
PRODUCT NUMBER
51730-172--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1
SIGNAL COLUMN 2 REPLACEMENT



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

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	
B					0.XX ±0.25	projection		title	
				angles	0.XXX ±0.1			IP + 20S + 1P RIGHT ANGLE SOLDER HEADER	
				dr	HENRY WANG 4/21/10	MIM		product family PwrBlade code	
				enr	HENRY WANG 4/21/10			size dwg no 213	
				chr	PM ZHENG 4/21/10	scale 1:1		sheet 2 of 4	
				appd	JOSEPH HSIA 4/21/10	A		51730-172	
sheet index	revision sheet								

cage code 22526

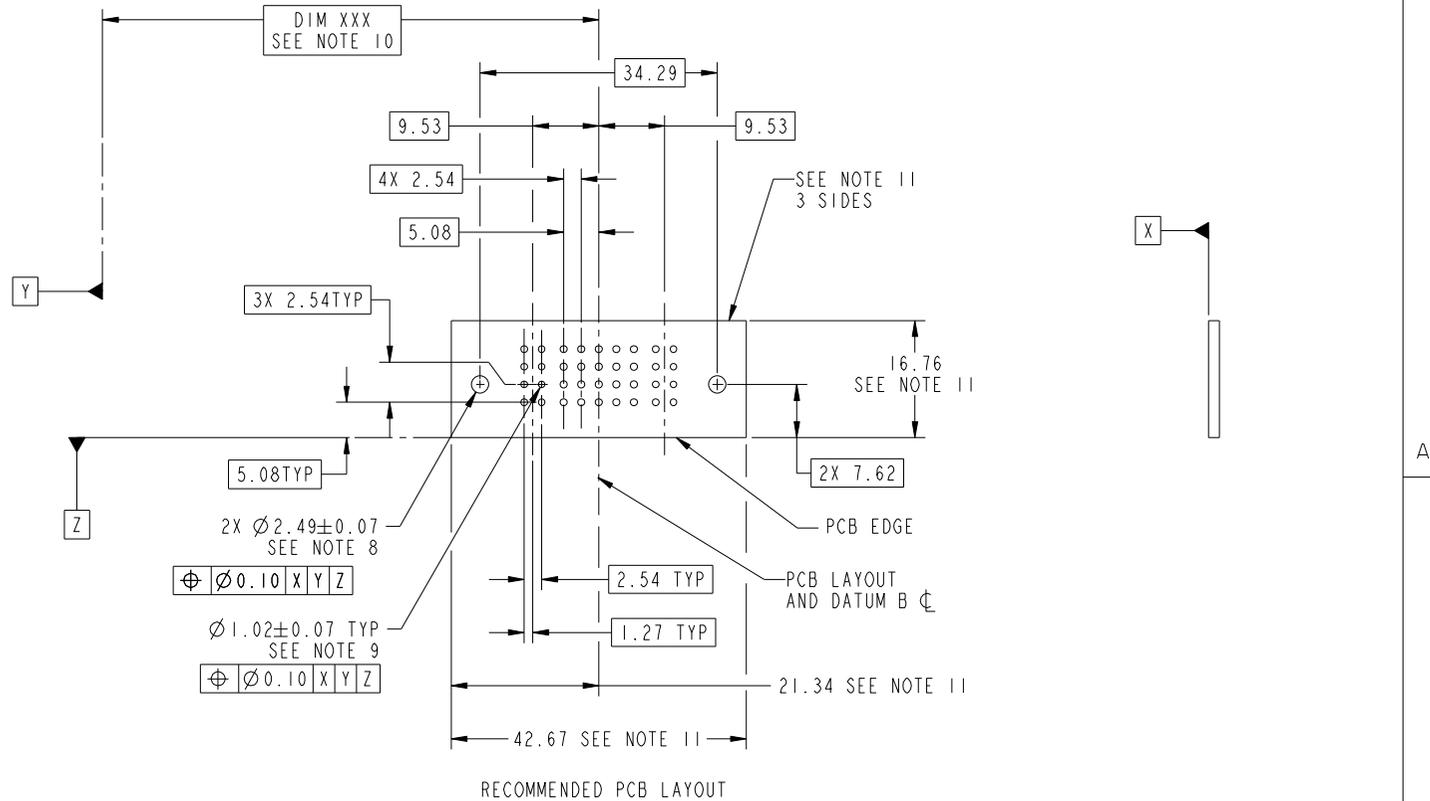
Pro/E

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PRODUCT NUMBER
51730-172__
NOTE: 3



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	
B					0.XX ±0.25	projection		IP + 20S + 1P RIGHT ANGLE SOLDER HEADER	
				angles	0.XXX ±0.1			product family	
		dr	HENRY WANG	4/21/10	0° ±2°	MIM		PwrBlade	
		enr	HENRY WANG	4/21/10				code	
		chr	PM ZHENG	4/21/10		scale		213	
		appd	JOSEPH HSIA	4/21/10		1:1		sheet	
sheet index		revision sheet						3 of 4	
								A	

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PRODUCT NUMBER
51730-172--
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 51730-172 AND 51730-172LF 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	ecn no.	dr	date	linear	0.X ± 0.5	COPY		projection	title		
B					0.XX ± 0.25	MIM			IP + 20S + 1P RIGHT ANGLE SOLDER HEADER		
				angles	0.XXX ± 0.1	← MIM →			product family PwrBlade code		
				dr	HENRY WANG 4/21/10	scale		size	dwg no		213
				enr	HENRY WANG 4/21/10	1:1		A	51730-172		sheet
				chr	PM ZHENG 4/21/10						4 of 4
				appd	JOSEPH HSIA 4/21/10						
sheet index	revision sheet										

cage code 22526

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