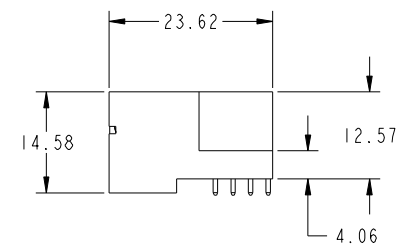
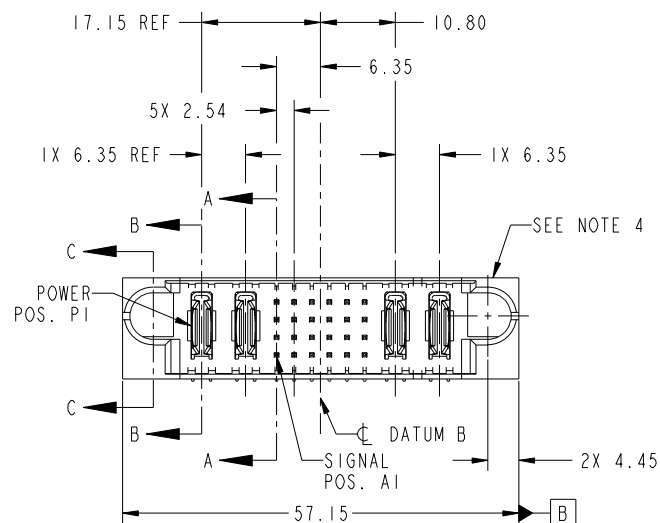


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PRODUCT NO.	ROWS			POWER		SIGNAL						POWER		
		E1	P1	P2	1	2	3	4	5	6		P3	P4	E2
51730-165-- NOTE 3	D C B A		PC	PC	V	V	V	V	V	V		PC	PC	
					Q	Q	Q	Q	Q	Q				
					B	B	B	B	B	B				
					N	N	N	N	N	N				



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
N	[6.86]	SIGNAL
B	[5.59]	SIGNAL
P	[6.86]	SIGNAL
Q	[6.86]	SIGNAL
V	[6.86]	SIGNAL

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	DG09-0365	WD	11/21/09			angles	0.XX ±0.25	projection		title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER	
							0.XXX ±0.1			product family PwrBlade	
						dr	WARREN DU 11/15/09	scale		code 213	
						enrg	WARREN DU 11/15/09			size dwg no	
						chr	PM ZHENG 11/15/09			A 51730-165	
						appd	JOSEPH HSIA 11/15/09			sheet 1 of 4	
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

cage code 22526

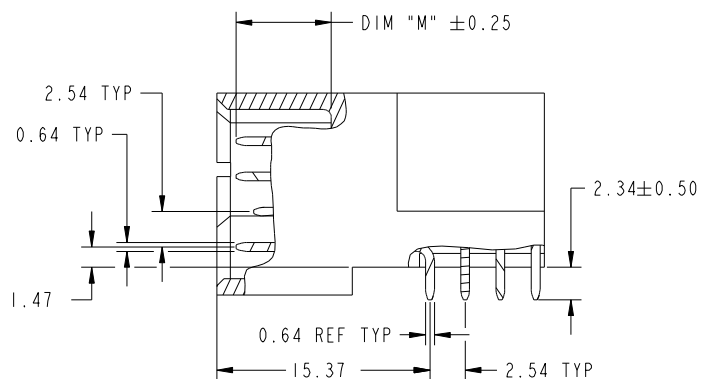
Pro/E

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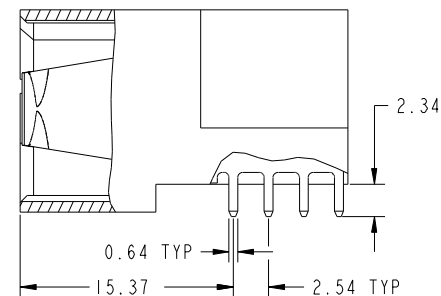


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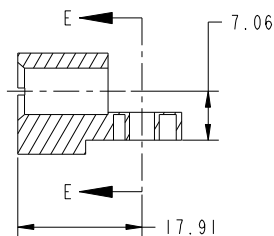
PRODUCT NUMBER
51730-165--
NOTE: 3



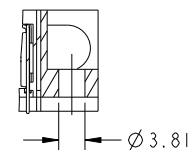
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title	2P + 24S + 2P
						0.XX ±0.25				RIGHT ANGLE SOLDER HEADER	
				angles		0.XXX ±0.1				product family	PwrBlade
				dr	WARREN DU	11/15/09				code	213
				enr	WARREN DU	11/15/09				size	dwg no
				chr	PM ZHENG	11/15/09				scale	1:1
				appd	JOSEPH HSIA	11/15/09				sheet	2 of 4
sheet index	revision sheet										

Pro/E

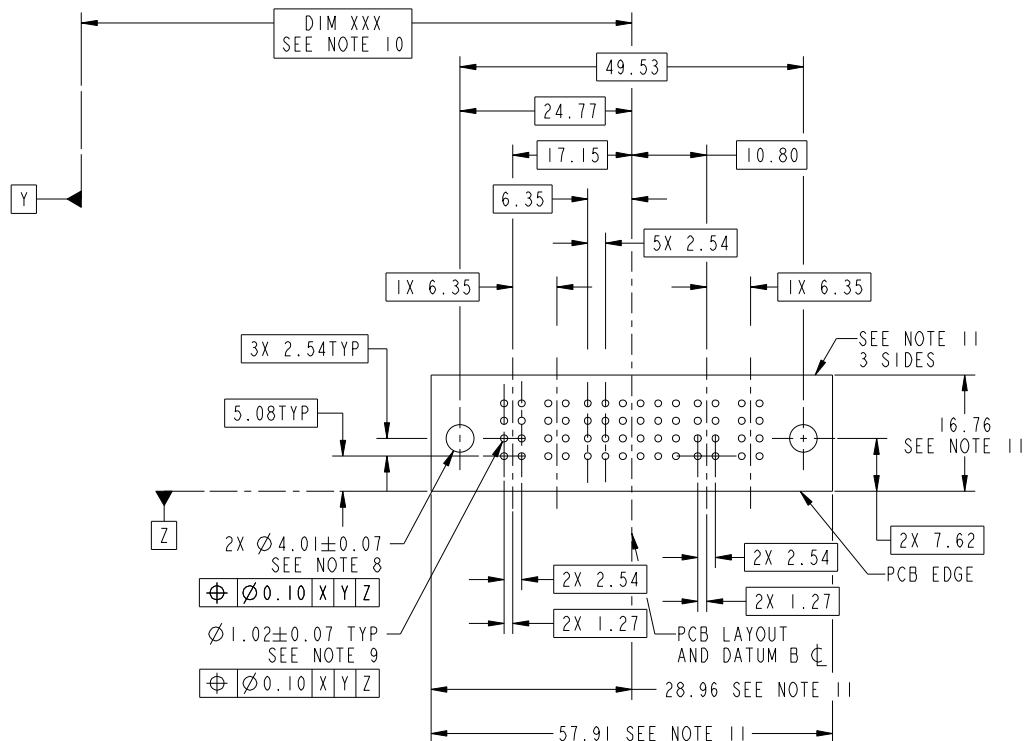
cage code 22526

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PRODUCT NUMBER
51730-165--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear		0.X ± 0.5		COPY		www.fciconnect.com	
A						0.XX ± 0.25		projection		title	
						0.XXX ± 0.1				2P + 24S + 2P	
				angles		0° ± 2°		MIM		RIGHT ANGLE SOLDER HEADER	
					dr	WARREN DU	11/15/09	product family		PwrBlade	code
					enr	WARREN DU	11/15/09	size		dwg no	213
					chr	PM ZHENG	11/15/09	scale		51730-165	sheet
					appd	JOSEPH HSIA	11/15/09	1:1		A	3 of 4
sheet index	revision sheet										

cage code 22526

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PRODUCT NUMBER
51730-165_- 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. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC. OF 51730-165; 51730-165LF 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								www.fciconnect.com					
litr		ecn no.		dr		date		linear		0.X ± 0.5				COPY											
A										0.XX ± 0.25				projection											
										0.XXX ± 0.1															
								angles		0° ± 2°								title							
														2P + 24S + 2P											
														RIGHT ANGLE SOLDER HEADER											
								dr		WARREN DU 11/15/09						product family				PwrBlade				code	
								enrg		WARREN DU 11/15/09						size				dwg no				213	
								chr		PM ZHENG 11/15/09						scale				51730-165				sheet	
								appd		JOSEPH HSIA 11/15/09				1:1		A				4 of 4					
sheet index		revision sheet																							

cage code 22526