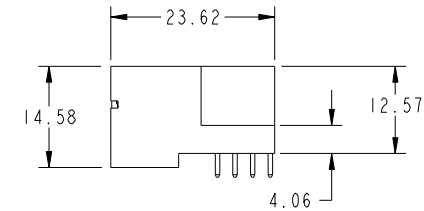
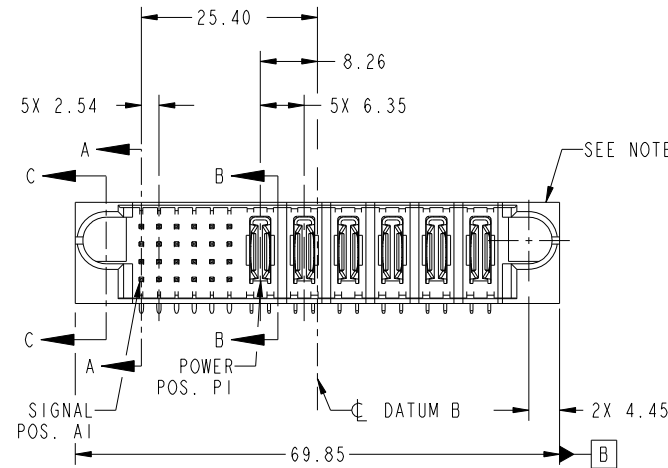


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PRODUCT NO.	ROWS	SIGNAL						POWER						E2	
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5		P6
51731-057_-- NOTE 3	D C B A		UUUUUUU	TTTTTTT	SSSSSSS	FFFFFFF	RRRRRRR		PA	PA	PA	PA	PA	PA	
			UUUUUUU	TTTTTTT	SSSSSSS	FFFFFFF	RRRRRRR		PA	PA	PA	PA	PA	PA	



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
F	[5.59]	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	DG09-0137	WD	04/28/09			0.XX ±0.25		projection		title 24S + 6P RIGHT ANGLE SOLDER HEADER	
				angles		0.XXX ±0.1				product family PwrBlade code 213	
				dr	Warren Du	04/21/09		MIM		size dwg no 51731-057 sheet 1 of 4	
				enrg	Warren Du	04/21/09		scale 1:1			
				chr	PM ZHENG	04/21/09					
				appd	JOSEPH HSIA	04/21/09					
sheet index	revision sheet	A	A	A	A					cage code 22526	
		1	2	3	4						

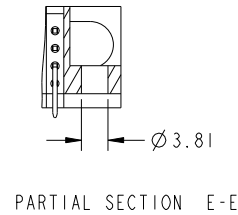
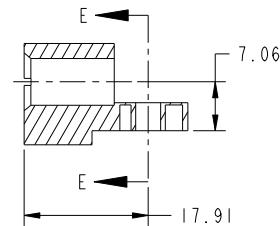
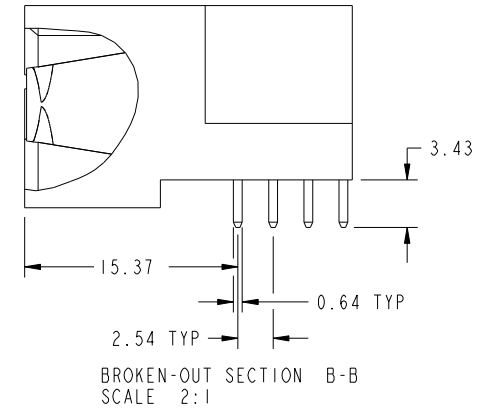
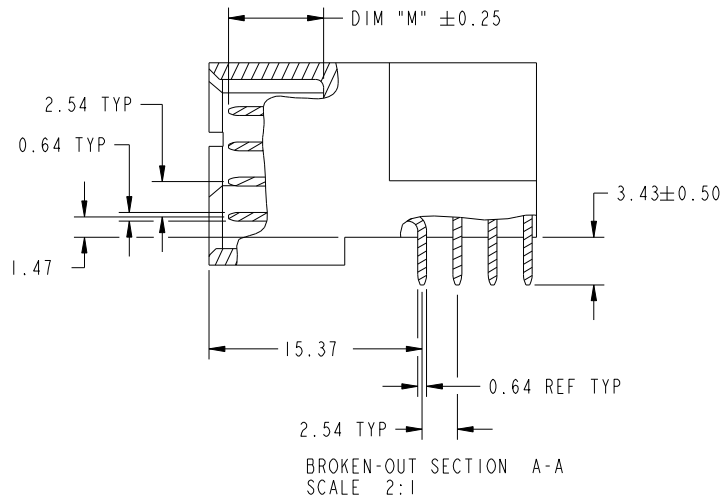
Pro/E

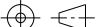
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PRODUCT NUMBER
51731-057_-
NOTE: 3



mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ±0.5		projection	COPY	title		
A					0.XX ±0.25				24S + 6P		
					0.XXX ±0.1				RIGHT ANGLE SOLDER HEADER		
				angles	0° ±2°				product family		code
			dr	Warren Du	04/21/09	PwrBlade					
			enrg	Warren Du	04/21/09	size			dwg no	213	
			chr	PM ZHENG	04/21/09	scale			A	51731-057	sheet
			appd	JOSEPH HSIA	04/21/09					2 of 4	
sheet index	revision sheet										

Pro/E

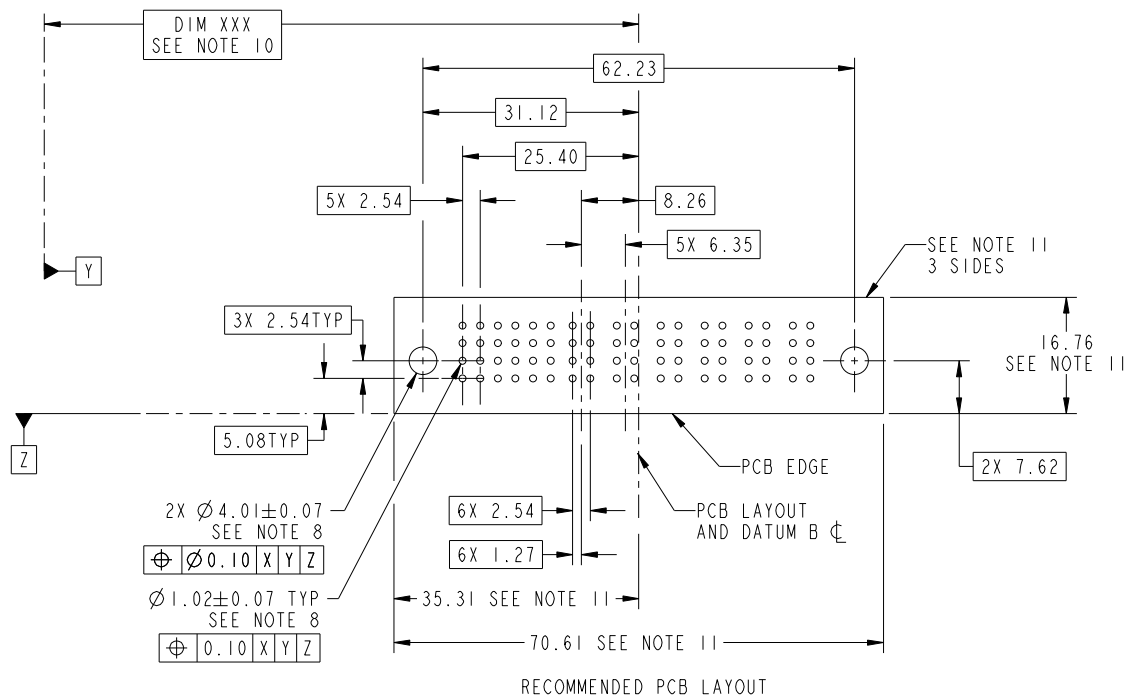
cage code 22526



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PRODUCT NUMBER

51731-057__
NOTE: 3

[illegible]

www.fciconnect.com

title	24S + 6P
	RIGHT ANGLE SOLDER HEADER

product family	PwrBlade	code
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size	dwg no	213
------	--------	-----

51731-057	sheet
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A	51731	037	3 of 4
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cage code	22526
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PRODUCT NUMBER
51731-057-- 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 51731-057 AND 51731-057LF 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ 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	
ltr	ecr no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title 24S + 6P	
						$0.XX \pm 0.25$				RIGHT ANGLE SOLDER HEADER	
				angles		$0.XXX \pm 0.1$					
						$0^\circ \pm 2^\circ$		MIM		product family PwrBlade	
				dr	Warren Du	04/21/09		scale		code 213	
				enrg	Warren Du	04/21/09				size	
				chr	PM ZHENG	04/21/09				dwg no 51731-057	
				appd	JOSEPH HSIA	04/21/09				sheet 4 of 4	
sheet index	revision sheet										

cage code 22526

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[51731-001LF](#) [51731-002LF](#) [51731-006LF](#) [51731-008LF](#) [51731-011LF](#) [51731-015LF](#) [51731-043LF](#) [51731-082LF](#)
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[51731-034LF](#) [51731-036LF](#) [51731-039LF](#) [51731-041LF](#) [51731-042LF](#) [51731-072LF](#) [51731-035LF](#) [51731-060LF](#)
[51731-049LF](#) [51731-050LF](#) [51731-057LF](#) [51731-062LF](#) [51731-063LF](#) [51731-055LF](#) [51731-048LF](#) [51731-052LF](#)
[51731-029LF](#) [51731-083LF](#) [51731-085LF](#) [51731-088LF](#) [51731-081LF](#) [51731-046LF](#) [51731-045LF](#) [51731-047LF](#)
[51731-059LF](#) [51731-061LF](#) [51731-064LF](#) [51731-090STLF](#) [51731-092LF](#) [51731-091LF](#) [51731-078LF](#) [51731-](#)
[089STLF](#) [51731-080LF](#) [51731-086LF](#) [51731-087LF](#) [51731-074LF](#) [51731-076LF](#) [51731-077LF](#) [51731-066LF](#)
[51731-068LF](#) [51731-069LF](#) [51731-071LF](#) [51731-073LF](#) [51731-079LF](#)