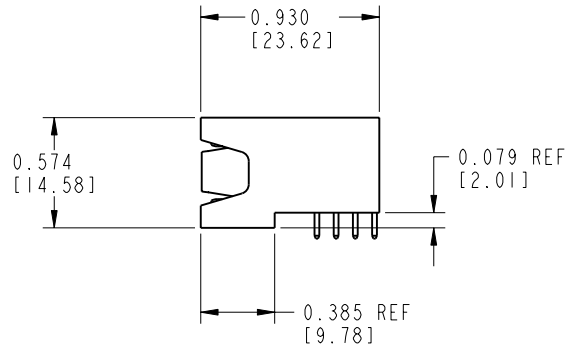
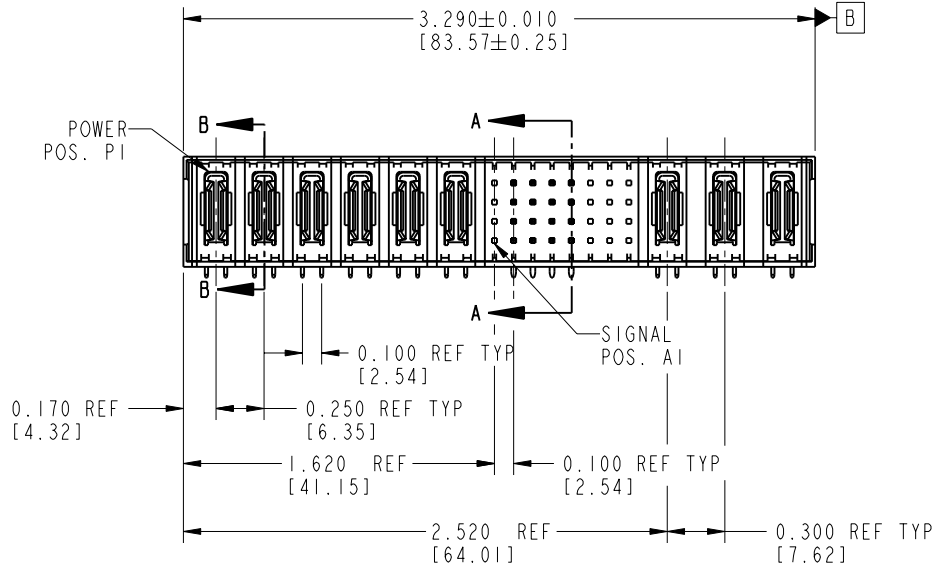


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PRODUCT No.	ROWS	POWER						SIGNAL								POWER			E2	
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	P7	P8		P9
51935-001	D C B A		PA	PA	PA	PA	PA	PA	X	H	U	U	X	X	X	X	PA	PA	PA	
									X	T	T	T	X	X	X	X				
									X	S	S	S	X	X	X	X				
									X	R	R	R	X	X	X	X				



CODE	DIM "M" MATING LENGTH ±0.010	CONTACT TYPE
H	0.220 [5.59]	SIGNAL
R	0.270 [6.86]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY	FCI		www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	INCH/MM	scale	1:1	title	6P + 16S + 3P RIGHT ANGLE SOLDER HEADER
A	V12127	JRW	7/31/01	angles	.XXX±.005/0.XX±0.13						
B	V12156	JRW	8/14/01		.XXX±.0020/0.XXX±0.051					product family	PwrBlade
C	DG06-0005	JMG	01/06/06		0°±2°					code	213
				dr	J. WITMER	7/31/01				size	dwg no
				engr	J. ALLISON	7/31/01				A	51935-001
				chr	J. ALLISON	7/31/01				sheet	1 OF 2
				appd	J. ALLISON	7/31/01					
sheet index	revision sheet	C	C								
		1	2								

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:C

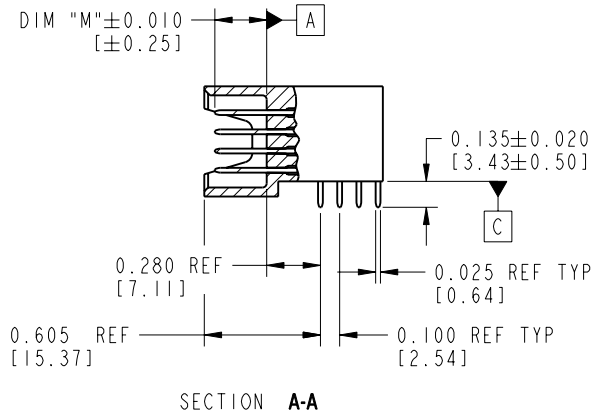
STATUS: Released

Printed: Aug 15, 2007

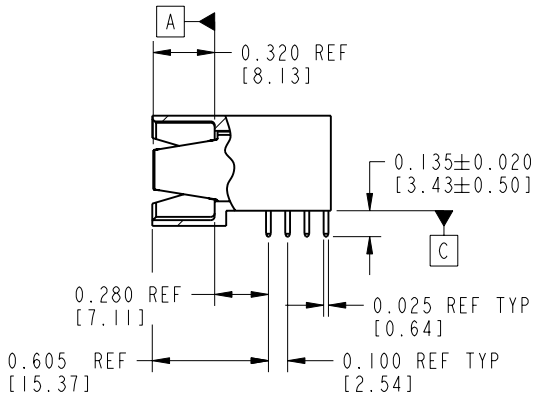
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PRODUCT NUMBER  
51935-001\_\_



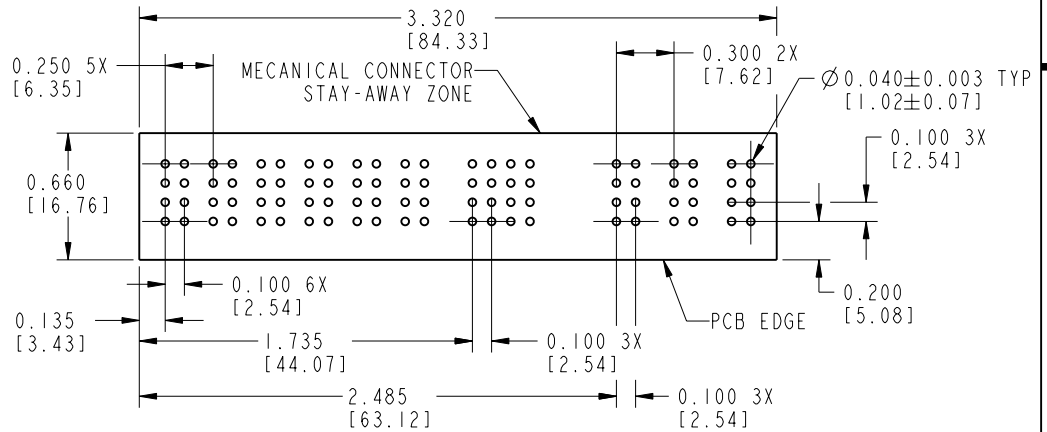
SECTION A-A



SECTION B-B

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- 51935-001; 51935-001LF; 51935-001GLF PLATING SPEC. SEE PRINT: 10064183  
"MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- PRODUCT SPECIFICATION GS-12-149
- PCB NOTES:
  - ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
  - ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF  $\varnothing 0.004$  [0.10]
  - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
  - $\varnothing 0.0453 \pm 0.0010$  [1.151  $\pm$  0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A  $\varnothing 0.040 \pm 0.003$  [1.02  $\pm$  0.07] HOLE.



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX ± .01 / 0.X ± 0.3	projection			title		
c				angles	.XXX ± .005 / 0.XX ± 0.13			6P + 16S + 3P RIGHT ANGLE SOLDER HEADER			
				dr	.XXX ± .0020 / 0.XXX ± 0.051	INCH/MM		product family		PwrBlade	code
				engr	J. WITMER 7/31/01	scale		size		dwg no	213
				chr	J. ALLISON 7/31/01	1:1		A		51935-001	sheet
				appd	J. ALLISON 7/31/01						2
sheet index		revision sheet									

cage code 22526

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PDM: Rev:C

STATUS: Released

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