

## Excellent Integrated System Limited

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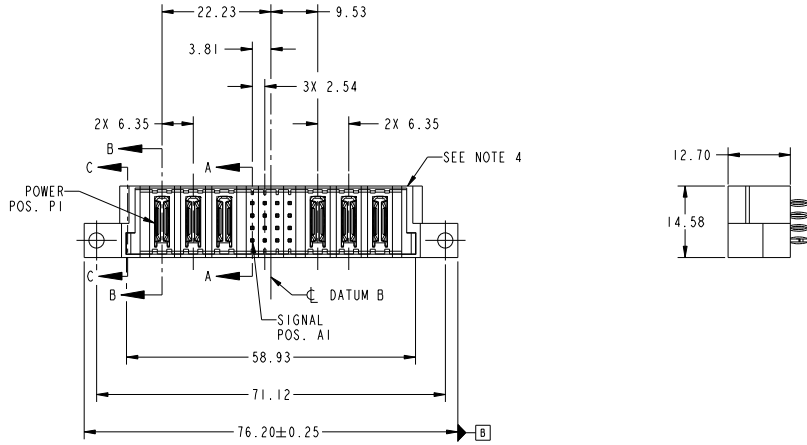
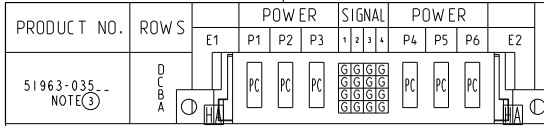
[51963-035LF](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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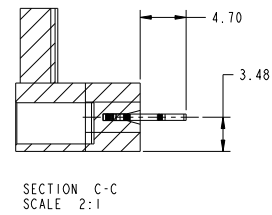
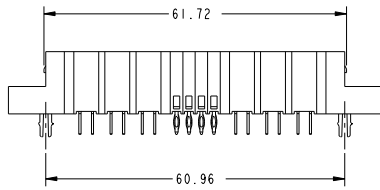
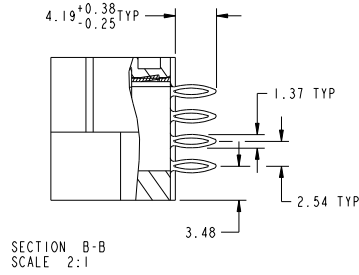
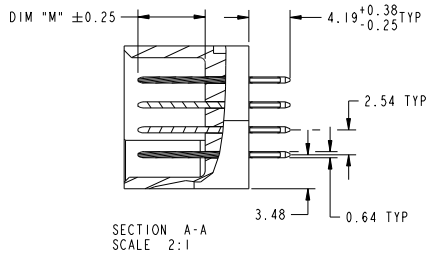
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code		SEE NOTE 2	tolerances unless otherwise specified	CUSTOMER	<b>FCI</b>	www.fciconnect.com
ltr	ecm no.	dr	date	linear	0.X ±0.5	COPY
A	DG10-0314	JW	08/30/10	linear	0.XX ±0.25	projection
				angles	0.XXX ±0.10	MM
				dr	0° ±2°	scale
				enr	WARREN DU 10/21/08	1:1
				chr	WARREN DU 10/21/08	
				oppd	PM ZHENG 10/21/08	
					JOSEPH HSTA 10/21/08	
sheet index	revision sheet	A	A	A	A	
		1	2	3	4	
		Pro/E		3		4
				cage code		22526

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PRODUCT NUMBER  
51963-035--  
NOTE(3)



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecm no.	dr	date	linear	0.X ±0.5	projection	COPY		
A					0.XX ±0.25	MM	www.fciconnect.com		
				angles	0.XXX ±0.10	MM	title		
				dr	0° ±2°	MM	3P + 16S + 3P		
				enr	WARREN DU 10/21/08	MM	VERTICAL PF HEADER		
				chr	WARREN DU 10/21/08	MM	product family PwrBlade code		
				oppd	PM ZHENG 10/21/08	MM	size dwg no		
					JOSEPH HSTA 10/21/08	MM	A 51963-035		
sheet index	revision sheet					scale	213 sheet		
						1:1	2 of 4		

Pro/E

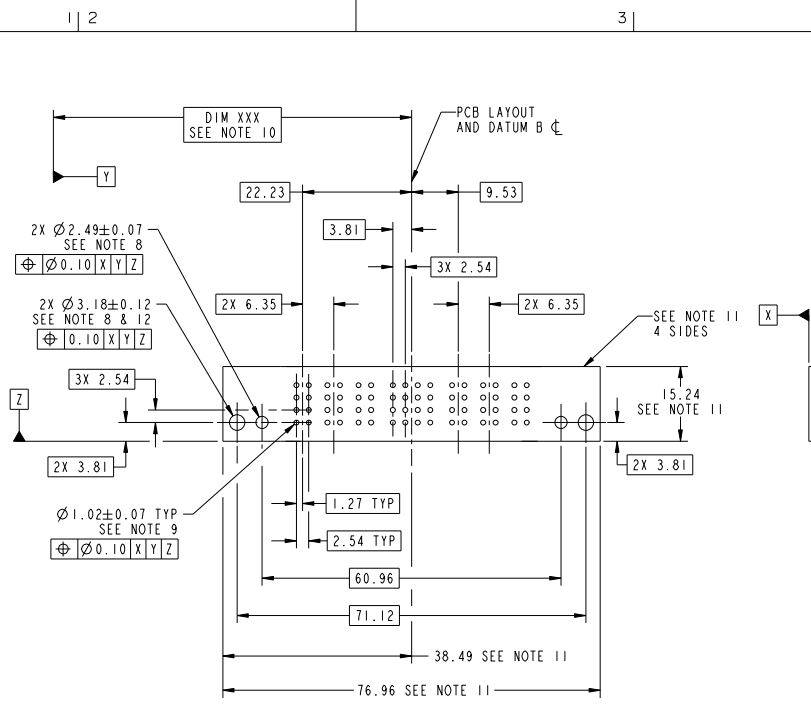
cage code 22526

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PRODUCT NUMBER  
51963-035...  
NOTE(3)



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2	tolerances unless otherwise specified	CUSTOMER	<b>FCI</b>	www.fciconnect.com
lfr	ecm no.	dr	date	linear	0.X ±0.5	projection
A				angles	0.XX ±0.25	MM
				dr	0.XXX ±0.10	scale
				enr	0° ±2°	1:1
				chr	WARREN DU 10/21/08	product family
				oppd	WARREN DU 10/21/08	PwrBlade
					PM ZHENG 10/21/08	size
					JOSEPH HSTA 10/21/08	dwg no
sheet index	revision sheet					A
						51963-035
						213 sheet
						3 of 4
						cage code
						22526

Pro/E

cage code 22526

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PRODUCT NUMBER  
51963-035--  
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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51963-035 AND 51963-035LF 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 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.
- 12. CUSTOMER SUPPLIES (2) #4-40 UNC SCREWS, HARDWARE TO MOUNT HEADER TO PC BOARD.
- 13. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ± 0.5	projection	COPY	title	3P + 16S + 3P		
A					0.XX ± 0.25			VERTICAL PF HEADER			
				angles	0° ± 2°			product family	PwrBlade		
		dr	WARREN DU	10/21/08		scale	1:1	size	dwg no	code	213
		enr	WARREN DU	10/21/08				A	51963-035		sheet
		chr	FW ZHENG	10/21/08							4 of 4
		oppd	JOSEPH HSTA	10/21/08							
sheet index	revision sheet										

Pro/E

cage code 22526