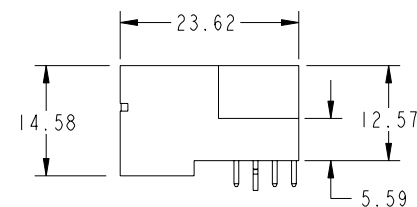
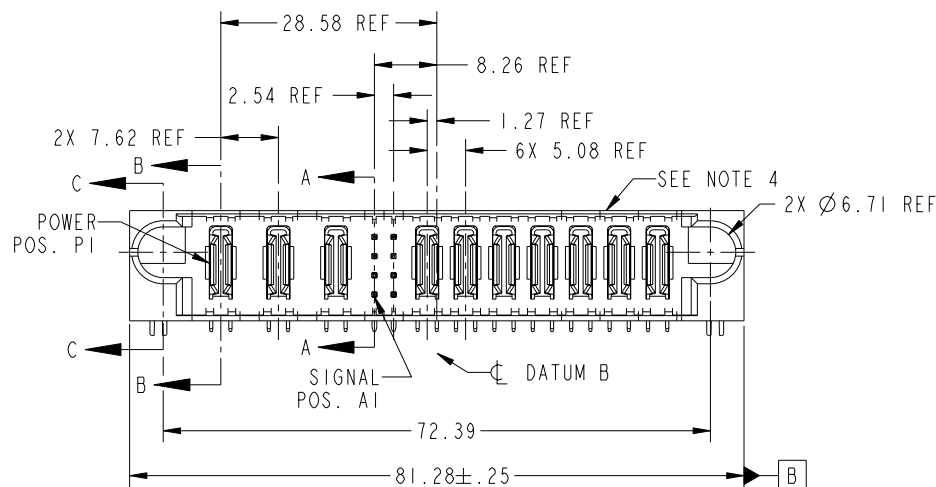
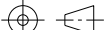




PRODUCT NO.	ROWS		POWER			SIGNAL	POWER							
		E1	P1	P2	P3	1 2	P4	P5	P6	P7	P8	P9	P10	E2
51939-256-- NOTE 3	D C B A	 	 	 	 	 	 	 	 	 	 	 	 	 



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com				
ltr	ecn no.		dr	date		linear	0.X ± 0.3				COPY		 www.fciconnect.com					
A	DG06-0415		JMG	10/10/06			0.XX ± 0.13				projection							
							0.XXX ± 0.051											
						angles	0° ± 2°				 MM		title					
						dr	JM GUO		10/10/06				3ACP + 8S + 7P					
						enrg	RYAN YUAN		10/10/06				RIGHT ANGLE SOLDER HEADER					
						chr	BEER FU		10/10/06		scale		product family		PwrBlade		code	
						appd	JOSEPH HSIA		10/10/06				size		dwg no		213	
sheet index		revision sheet		A	A	A	A					A		51939-256		sheet 1 of 4		
				1	2	3	4											

Pro/E

cage code 22526

PDM: Rev:A

STATUS: Released

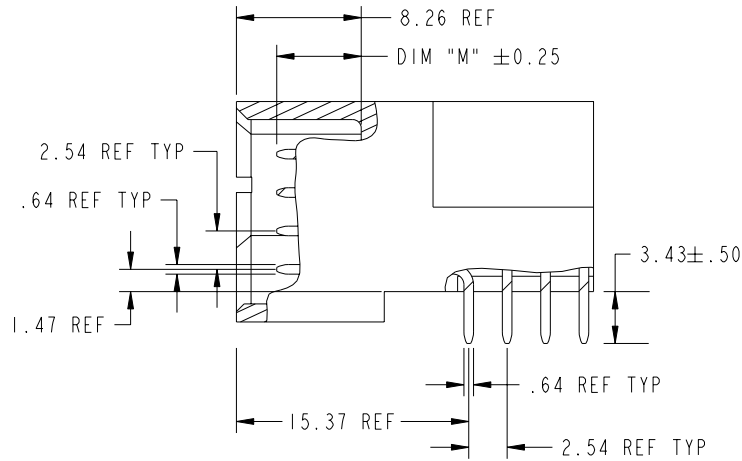
Printed: Dec 20, 2010

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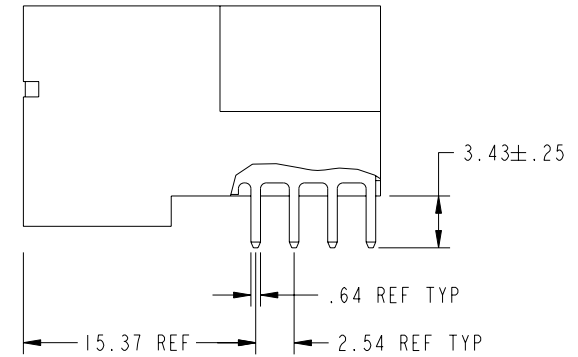


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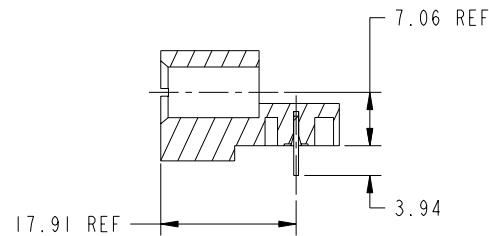
PRODUCT NUMBER
51939-256--
NOTE: 3



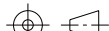
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE			tolerances unless otherwise specified			CUSTOMER						www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0. X ±0.3			COPY				title 3ACP + 8S + 7P RIGHT ANGLE SOLDER HEADER							
A					0. XX ±0.13			projection											
					0. XXX ±0.051														
				angles	0° ±2°														
				dr	JM GUO	10/10/06					product family			PwrBlade			code		
				engr	RYAN YUAN	10/10/06					size			dwg no			213		
				chr	BEER FU	10/10/06					scale			A			sheet		
				appd	JOSEPH HSIA	10/10/06		1:1						51939-256			2 of 4		
sheet index		revision sheet																	

Pro/E

3

cage code 22526

4

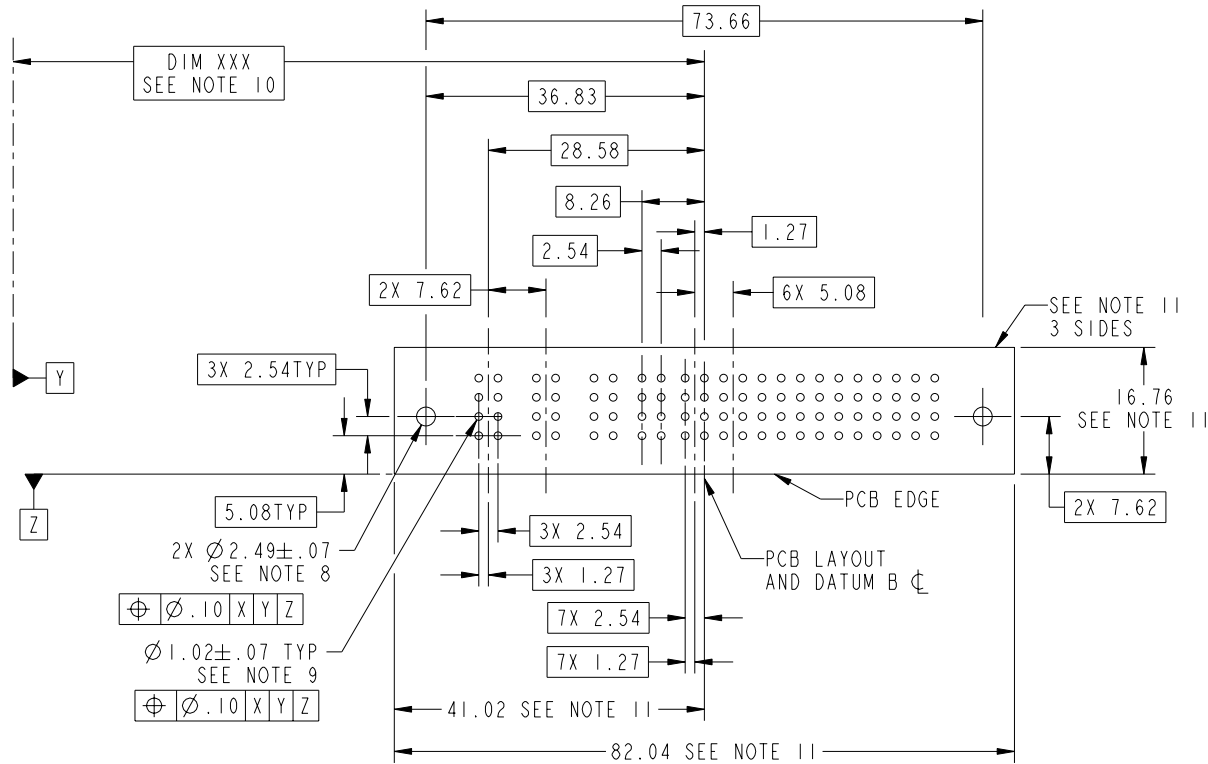
PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51939-256--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear		0.X ±0.3		COPY		www.fciconnect.com	
A				linear		0.XX ±0.13		projection		title	
				angles		0.XXX ±0.051				3ACP + 8S + 7P	
				dr	JM GUO	10/10/06				RIGHT ANGLE SOLDER HEADER	
				enrg	RYAN YUAN	10/10/06				product family	
				chr	BEER FU	10/10/06				PwrBlade	
				appd	JOSEPH HSIA	10/10/06				code	
sheet index		revision sheet						MM		size	
								1:1		A	
										51939-256	
										213	
										3 of 4	

Pro/E

3

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PDM: Rev:A

STATUS: Released

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PRODUCT NUMBER

51939-256--
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. 51939-256;51939-256LF;51939-256GLF PLATING SPEC. SEE PRINT:10064183
 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
 $\varnothing 1.02 \pm 0.07$ 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	
ltr	ecr no.	dr	date								
A				linear		$0.X \pm 0.3$		COPY		www.fciconnect.com	
						$0.XX \pm 0.13$		projection		title	
				angles		$0.XXX \pm 0.051$				3ACP + 8S + 7P	
						$0^\circ \pm 2^\circ$				RIGHT ANGLE SOLDER HEADER	
				dr	JM GUO	10/10/06		MM		product family	PwrBlade
				enr	RYAN YUAN	10/10/06				size	code
				chr	BEER FU	10/10/06		scale		51939-256	213
				appd	JOSEPH HSIA	10/10/06		1:1		sheet	4 of 4
sheet index	revision sheet										

Pro/E

3

cage code 22526

4

PDM: Rev:A

STATUS: Released

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