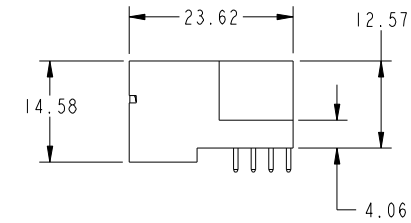
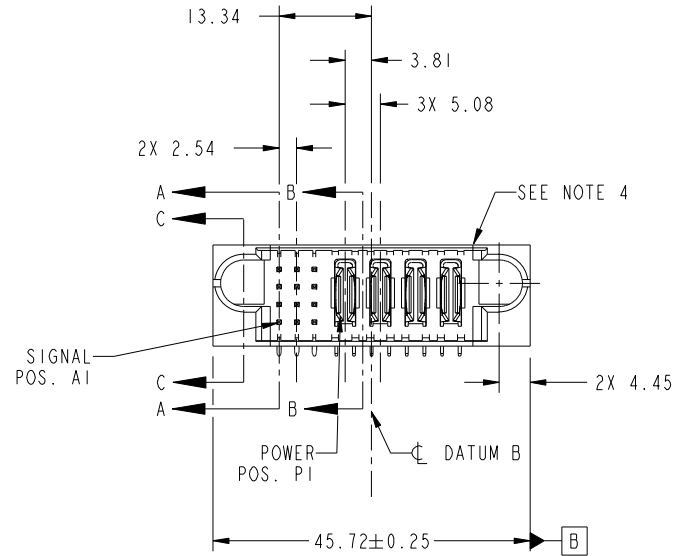


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS	SIGNAL POWER								E2	
		E1	1	2	3	P1	P2	P3	P4		
51939-536-- NOTE 3	D C B A		UUU	TTT	SSS	RRR	PA	PA	PA	PA	
H H											



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

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	DG10-0187	AL	05/23/10			angles	0.XX ±0.25	projection		title 12S + 4P RIGHT ANGLE SOLDER HEADER	
							0.XXX ±0.1			product family PwrBlade	
						dr	Anson Liu 05/23/10	scale	1:1	code 213	
						enrg	Jerome Chen 05/23/10			size dwg no	
						chr	PM ZHENG 05/23/10			A 51939-536	
						appd	JOSEPH HSIA 05/23/10			sheet 1 of 4	
sheet index	revision sheet	A	A	A	A					cage code 22526	
		1	2	3	4						

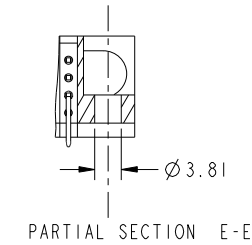
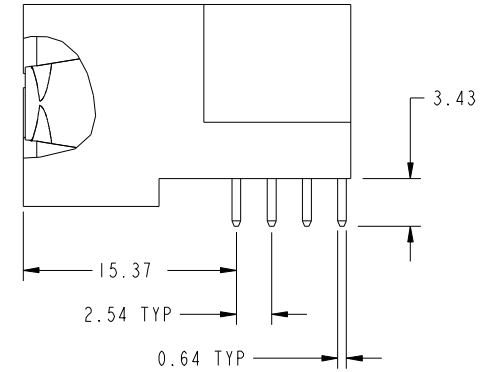
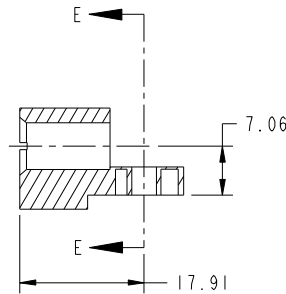
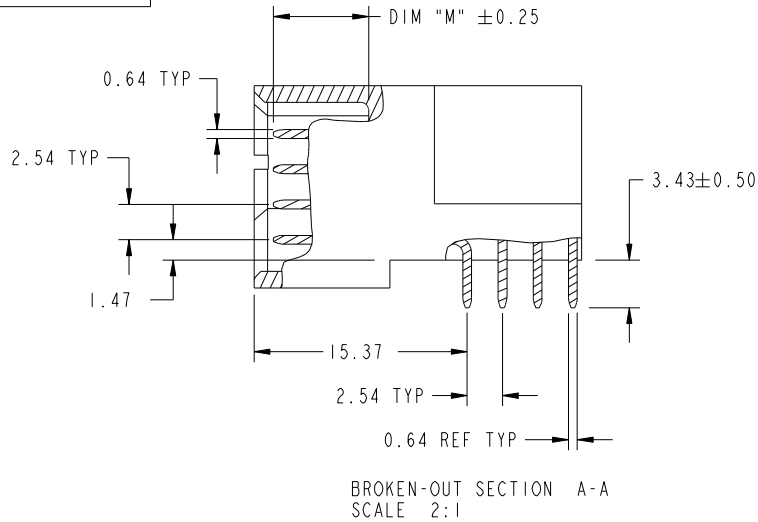
Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-536--
NOTE: 3



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 12S + 4P	
						0.XXX ±0.1		MIM		RIGHT ANGLE SOLDER HEADER	
				angles		0° ±2°		scale		product family PwrBlade	
					dr	Anson Liu	05/23/10	size		code 213	
					enrg	Jerome Chen	05/23/10	dwg no		sheet 2 of 4	
					chr	PM ZHENG	05/23/10	A		51939-536	
					appd	JOSEPH HSIA	05/23/10	1:1			
sheet index	revision sheet										

Pro/E

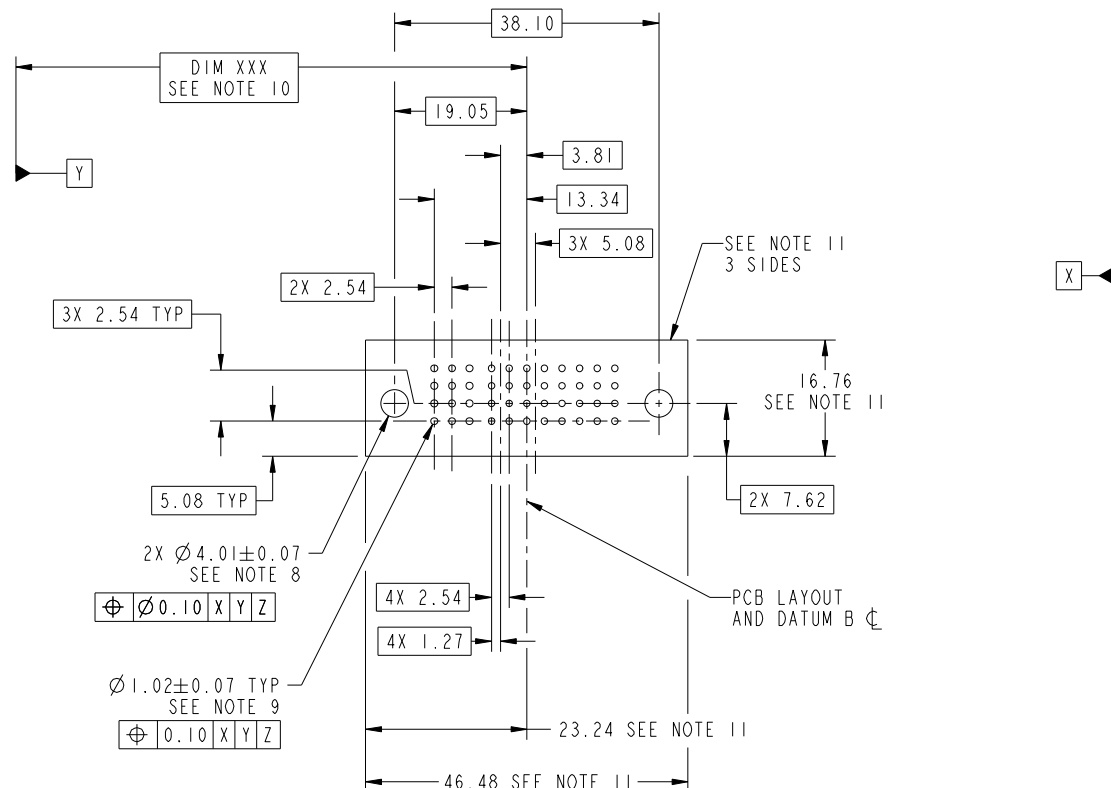
cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-536--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ± 0.5		projection 	title 12S + 4P RIGHT ANGLE SOLDER HEADER	product family PwrBlade	code 213	
A					0.XX ± 0.25						
					angles	0.XXX ± 0.1					
				0° ± 2°							
				dr		Anson Liu	05/23/10				
				enr	Jerome Chen	05/23/10	scale 1:1	size A	dwg no 51939-536	sheet 3 of 4	
				chr	PM ZHENG	05/23/10					
				appd	JOSEPH HSIA	05/23/10					
sheet index		revision sheet									

Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-536_- 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 51939-536 AND 51939-536LF 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		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title 12S + 4P	
						$0.XX \pm 0.25$				RIGHT ANGLE SOLDER HEADER	
				angles		$0.XXX \pm 0.1$					
				dr	Anson Liu	05/23/10		MIM		product family	PwrBlade
				enrg	Jerome Chen	05/23/10		scale		size	code
				chr	PM ZHENG	05/23/10		1:1		dwg no	213
				appd	JOSEPH HSIA	05/23/10				51939-536	sheet
sheet	revision										4 of 4
index	sheet										

cage code 22526