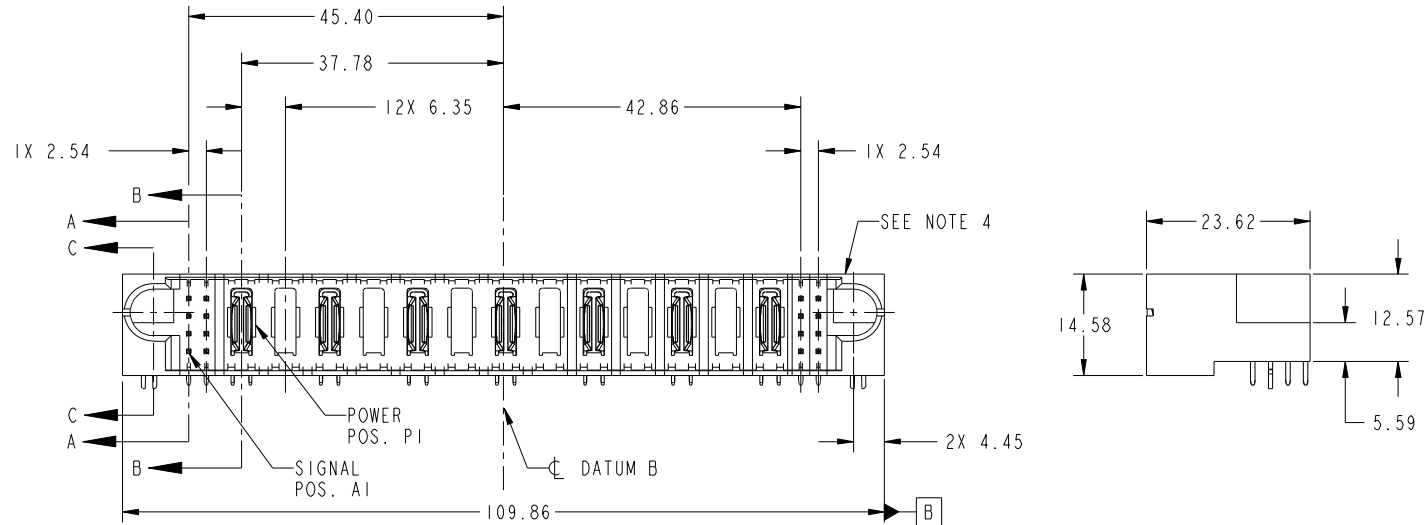


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



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	POWER																SIGNAL	
		E1	1 2	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	3 4	E2	
51939-440-- NOTE 3	D C B A		UU TT SS RR	PA	X	PA	X	PA	X	PA	X	PA	X	PA	X	PA	UU TT SS RR		
		HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	



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
HA	[N/A]	HOLD-DOWN
X	OMITTED	

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	DG09-0173	JW	05/21/09			angles	0.XX ±0.25	projection		title	
							0.XXX ±0.1			8S + 13P + 8S	
							0° ±2°			RIGHT ANGLE SOLDER HEADER	
						dr	JULIA WANG 05/13/09			product family	
						enrg	JEROME CHEN 05/13/09			PwrBlade	
						chr	PM ZHENG 05/13/09			code	
						appd	JOSEPH HSIA 05/13/09			213	
sheet	revision	A	A	A	A					size	
index	sheet	1	2	3	4					dwg no	
										A	
										51939-440	
										sheet	
										1 of 4	
										cage code	
										22526	

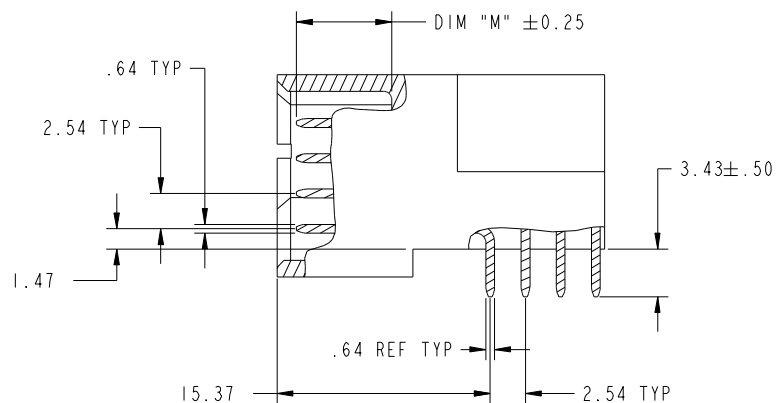
Pro/E

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.

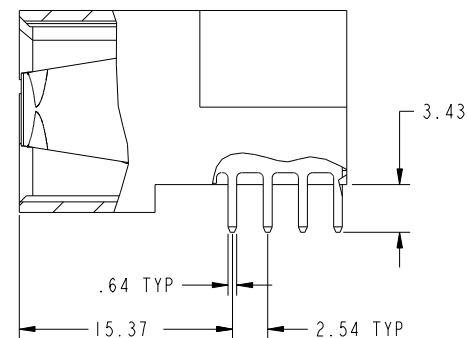


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

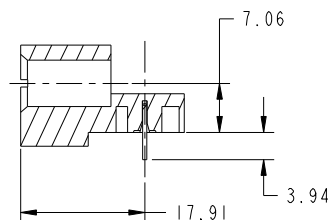
PRODUCT NUMBER
51939-440-
NOTE: 3



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		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title 8S + 13P + 8S	
						0.XX ±0.25				RIGHT ANGLE SOLDER HEADER	
				angles		0.XXX ±0.1				product family PwrBlade	
				dr	JULIA WANG	05/13/09				code	213
				enr	JEROME CHEN	05/13/09				size	dwg no
				chr	PM ZHENG	05/13/09				51939-440	
				appd	JOSEPH HSIA	05/13/09				sheet	2 of 4
sheet index	revision sheet							scale 1:1			

cage code 22526

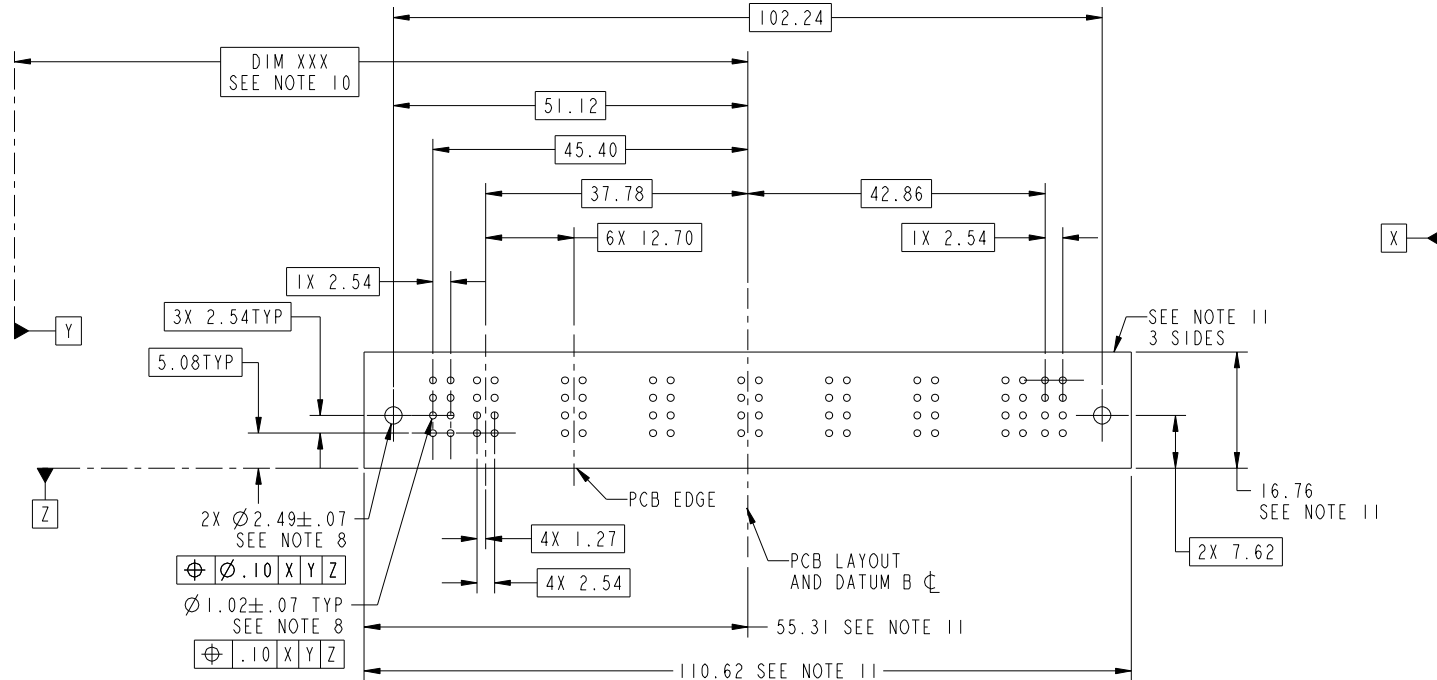
Pro/E

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
51939-440-
NOTE: 3



RECOMMENDED PCB LAYOUT

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						linear	0.XX ±0.25	projection		title	
						angles	0.XXX ±0.1			8S + 13P + 8S	
						dr	0° ±2°			RIGHT ANGLE SOLDER HEADER	
						enr	JULIA WANG 05/13/09			product family PwrBlade	
						chr	JEROME CHEN 05/13/09			code	
						appd	PM ZHENG 05/13/09			size	
							JOSEPH HSIA 05/13/09			dwg no	
sheet	revision									A	
index	sheet									51939-440	
										sheet	
										3 of 4	

cage code 22526

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																																																																																																																																					
51939-440-- 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. PLATING SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC. OF 51939-440; 51939-440LF 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.																																																																																																																																					
<table><thead><tr><th colspan="4">mat'l code</th><th colspan="2">SEE NOTE</th><th colspan="2">tolerances unless otherwise specified</th><th colspan="2">CUSTOMER</th><th colspan="2">FCI</th></tr><tr><th>ltr</th><th>ecn no.</th><th>dr</th><th>date</th><th></th><th></th><th></th><th></th><th>COPY</th><th></th><th colspan="2">www.fciconnect.com</th></tr></thead><tbody><tr><td>A</td><td></td><td></td><td></td><td>linear</td><td></td><td>$0.X \pm 0.5$</td><td></td><td>projection</td><td></td><td colspan="2">title 8S + 13P + 8S RIGHT ANGLE SOLDER HEADER</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>$0.XX \pm 0.25$</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td></td><td>$0.XXX \pm 0.1$</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>$0^\circ \pm 2^\circ$</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>JULIA WANG</td><td>05/13/09</td><td></td><td>MIM</td><td></td><td>product family</td><td>PwrBlade</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>JEROME CHEN</td><td>05/13/09</td><td></td><td></td><td></td><td>size</td><td>code</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>PM ZHENG</td><td>05/13/09</td><td></td><td>scale</td><td></td><td>dwg no</td><td>213</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>JOSEPH HSIA</td><td>05/13/09</td><td></td><td>1:1</td><td>A</td><td>51939-440</td><td>sheet 4 of 4</td></tr><tr><td>sheet index</td><td>revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>		mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		ltr	ecn no.	dr	date					COPY		www.fciconnect.com		A				linear		$0.X \pm 0.5$		projection		title 8S + 13P + 8S RIGHT ANGLE SOLDER HEADER								$0.XX \pm 0.25$										angles		$0.XXX \pm 0.1$												$0^\circ \pm 2^\circ$										dr	JULIA WANG	05/13/09		MIM		product family	PwrBlade					enrg	JEROME CHEN	05/13/09				size	code					chr	PM ZHENG	05/13/09		scale		dwg no	213					appd	JOSEPH HSIA	05/13/09		1:1	A	51939-440	sheet 4 of 4	sheet index	revision sheet										
mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI																																																																																																																											
ltr	ecn no.	dr	date					COPY		www.fciconnect.com																																																																																																																											
A				linear		$0.X \pm 0.5$		projection		title 8S + 13P + 8S RIGHT ANGLE SOLDER HEADER																																																																																																																											
						$0.XX \pm 0.25$																																																																																																																															
				angles		$0.XXX \pm 0.1$																																																																																																																															
						$0^\circ \pm 2^\circ$																																																																																																																															
				dr	JULIA WANG	05/13/09		MIM		product family	PwrBlade																																																																																																																										
				enrg	JEROME CHEN	05/13/09				size	code																																																																																																																										
				chr	PM ZHENG	05/13/09		scale		dwg no	213																																																																																																																										
				appd	JOSEPH HSIA	05/13/09		1:1	A	51939-440	sheet 4 of 4																																																																																																																										
sheet index	revision sheet																																																																																																																																				
cage code 22526																																																																																																																																					