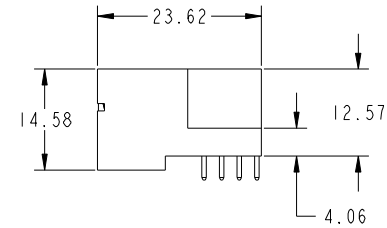
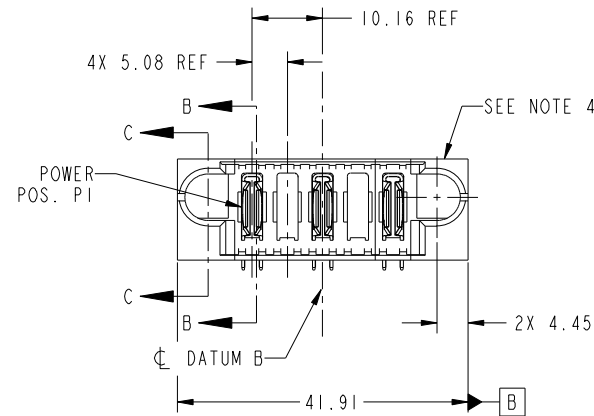


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



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.	POWER						E2
	E1	P1	P2	P3	P4	P5	
51939-427-- NOTE 3		PA	X	PA	X	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
X	OMITTED	OMITTED

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		0.X ±0.5		COPY		www.fciconnect.com	
A	DG09-0087	JW	03/19/09			0.XX ±0.25		projection		title	
				angles		0.XXX ±0.1				5P	
				dr	JULIA WANG	03/19/09		MIM		RIGHT ANGLE SOLDER HEADER	
				enrg	JEROME CHE	03/19/09				product family	
				chr	PM ZHENG	03/19/09		scale		PwrBlade	
				appd	JOSEPH HSIA	03/19/09		1:1		code	
sheet	revision	A	A	A	A					size	
index	sheet	1	2	3	4					dwg no	
										A	
										51939-427	
										sheet	
										1 of 4	

cage code 22526

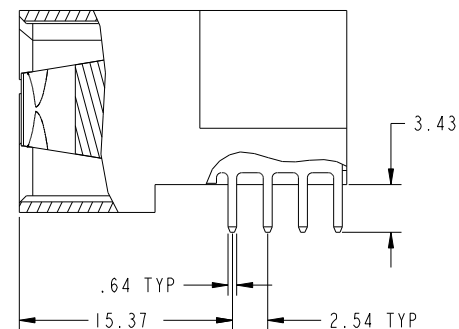
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



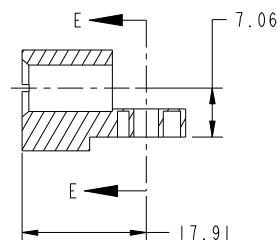
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER

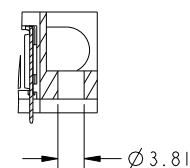
51939-427--
NOTE: 3



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com		
litr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		projection 	title 5P RIGHT ANGLE SOLDER HEADER				
A					0.XX ± 0.25									
					angles	0.XXX ± 0.1								
				0° ± 2°										
				dr		JULIA WANG	03/19/09	MM 		product family			PwrBlade	code
				enr	JEROME CHE	03/19/09	scale		size			dwg no	213	
				chr	PM ZHENG	03/19/09			A			51939-427		sheet
				appd	JOSEPH HSIA	03/19/09								2 of
sheet index		revision sheet												

Pro/E

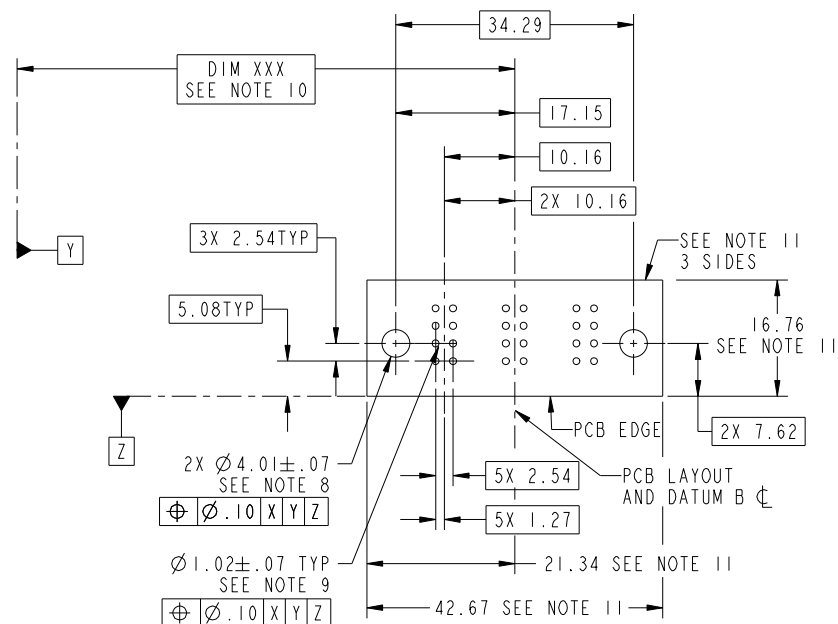
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



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

51939-427_-
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						0.XX ±0.25		projection		title 5P	
				angles		0.XXX ±0.1				RIGHT ANGLE SOLDER HEADER	
				dr	JULIA WANG	03/19/09		MIM		product family	PwrBlade
				enr	JEROME CHE	03/19/09		scale		size	code
				chr	PM ZHENG	03/19/09		1:1		dwg no	213
				appd	JOSEPH HSIA	03/19/09				51939-427	sheet
sheet index	revision sheet										3 of 4

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																																																																																																																																					
51939-427_- 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 51939-427; 51939-427LF 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 5P</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">RIGHT ANGLE SOLDER HEADER</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">product family PwrBlade code 213</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">size dwg no 51939-427 sheet 4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>JULIA WANG</td><td>03/19/09</td><td></td><td>MIM</td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>JEROME CHE</td><td>03/19/09</td><td></td><td></td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>PM ZHENG</td><td>03/19/09</td><td></td><td>scale</td><td></td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>JOSEPH HSIA</td><td>03/19/09</td><td></td><td>1:1</td><td></td><td colspan="2"></td></tr><tr><td colspan="2">sheet index</td><td colspan="2">revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="2"></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 5P								$0.XX \pm 0.25$				RIGHT ANGLE SOLDER HEADER						angles		$0.XXX \pm 0.1$				product family PwrBlade code 213								$0^\circ \pm 2^\circ$				size dwg no 51939-427 sheet 4 of 4						dr	JULIA WANG	03/19/09		MIM								enrg	JEROME CHE	03/19/09										chr	PM ZHENG	03/19/09		scale								appd	JOSEPH HSIA	03/19/09		1:1				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 5P																																																																																																																											
						$0.XX \pm 0.25$				RIGHT ANGLE SOLDER HEADER																																																																																																																											
				angles		$0.XXX \pm 0.1$				product family PwrBlade code 213																																																																																																																											
						$0^\circ \pm 2^\circ$				size dwg no 51939-427 sheet 4 of 4																																																																																																																											
				dr	JULIA WANG	03/19/09		MIM																																																																																																																													
				enrg	JEROME CHE	03/19/09																																																																																																																															
				chr	PM ZHENG	03/19/09		scale																																																																																																																													
				appd	JOSEPH HSIA	03/19/09		1:1																																																																																																																													
sheet index		revision sheet																																																																																																																																			
Pro/E		3		cage code 22526		4																																																																																																																															