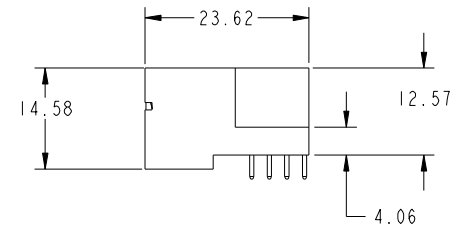
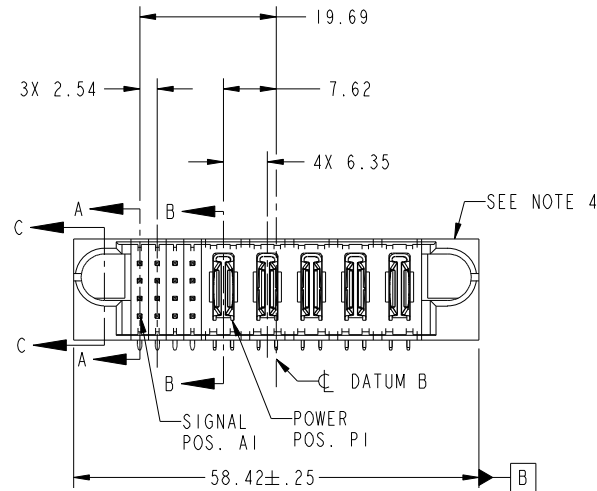


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PRODUCT NO.	ROW S		SIGNAL				POWER									
		E1	1	2	3	4	P1	P2	P3	P4	P5	E2				
51939-022-- NOTE: 3	D C B A		H	H	H	H	PA	PS	PS	PS	PA					
			G	G	G	G										
			F	F	F	F										
			E	E	E	E										
			H	H	H	H	H	H	H	H	H					



CODE	DIM "M" MATING LENGTH	CONTACT TYPE	PIN TYPE
E	[5.59]	SIGNAL	DATA
F	[5.59]	SIGNAL	DATA
G	[5.59]	SIGNAL	DATA
H	[5.59]	SIGNAL	DATA
J	[4.32]	SIGNAL	ENABLING
PA	[N/A]	POWER	LONG WIPE
PS	[N/A]	POWER	SHORT WIPE

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	0.X ± 0.5						
A	V21312	CGD	08/09/02				0.XX ± 0.25						
B	DG05-0351	CS	09/22/05				0.XXX ± 0.10						
C	DG06-0008	JMG	01/07/06			angles	0° ± 2°						
D	DG08-0272	JW	09/27/08			dr	C. DAILY 08/09/02						
						enrg	J. ALLISON 08/09/02						
						chr	J. ALLISON 08/09/02						
						appd	J. ALLISON 08/09/02						
sheet	revision	D	D	D	D								
index	sheet	1	2	3	4								

projection		title		product family		PwrBlade		code	
MIM		16S + 5P RIGHT ANGLE SOLDER HEADER		size		dwg no		213	
scale		1:1		A		51939-022		sheet	
								1 of 4	

cage code		22526		4	
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Pro/E

B

Diagram illustrating the mechanical dimensions and features of a component, likely a PCB layout, showing various measurements and reference points.

Dimensions:

- Overall Width: 50.80
- Overall Height: 25.40
- Internal Width: 19.69
- Internal Height: 7.62
- Internal Width (Left): 3X 2.54
- Internal Width (Right): 4X 6.35
- Internal Width (Bottom): 3X 2.54 TYP
- Internal Height (Bottom): 5.08 TYP
- Internal Width (Bottom): 2X 7.62
- Internal Width (Bottom): 5X 2.54
- Internal Width (Bottom): 5X 1.27
- Internal Width (Bottom): 29.59 SEE NOTE 10
- Internal Width (Bottom): 59.18 SEE NOTE 10
- Internal Height (Right): 16.76 SEE NOTE 10

Features and Callouts:

- DIM XXX SEE NOTE 9
- Y
- Z
- SEE NOTE 10 3 SIDES
- SEE NOTE 10
- PCB EDGE
- PCB LAYOUT AND DATUM B ϕ
- 2X $\phi 4.01 \pm .07$ SEE NOTE 7
- $\phi 1.02 \pm .07$ TYP SEE NOTE 8
- $\phi .10$ X Y Z
- $\phi .10$ X Y Z

RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com															
ltr	ecn no.	dr	date	linear	0.X ±0.5				COPY				projection 	title																	
D					0.XX ±0.25									16S + 5P																	
					0.XXX ±0.10									RIGHT ANGLE SOLDER HEADER																	
					0° ±2°																										
				angles									MM  scale 1:1	product family				PwrBlade				code									
				dr	C. DAILY 08/09/02									size		dwg no		213													
				engr	J. ALLISON 08/09/02									A		51939-022		sheet													
				chr	J. ALLISON 08/09/02													3													
				appd	J. ALLISON 08/09/02																										
sheet index		revision sheet																													
Pro/E										3										cage code 22526										4	

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PRODUCT NUMBER																																																																																													
51939-022-- 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 51939-022; 51939-022LF PRESPECTIVELY 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. PCB NOTES: 6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE. 7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED. 8. Ø1.151±0.025 DRILLED HOLES PLATED WITH) 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE Ø1.02±.07 HOLE. 9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER. 10. CONNECTOR KEEP-OUT ZONE. 11 AΔSYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.																																																																																													
<table><tr><td colspan="2">mat'l code</td><td colspan="2">SEE NOTE</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2">CUSTOMER</td><td colspan="2">FCI</td><td colspan="2">www.fciconnect.com</td></tr><tr><td>ltr</td><td>ecn no.</td><td>dr</td><td>date</td><td>linear</td><td>0.X ±0.5</td><td>projection</td><td>COPY</td><td colspan="4" rowspan="2">title 16S + 5P RIGHT ANGLE SOLDER HEADER</td></tr><tr><td>D</td><td></td><td></td><td></td><td>0.XX ±0.25</td><td>0.XXX ±0.10</td><td>angles</td><td>0° ±2°</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>C. DAILY 08/09/02</td><td colspan="2">MIM</td><td colspan="2">product family</td><td>PwrBlade</td><td>code</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>J. ALLISON 08/09/02</td><td colspan="2">scale</td><td>size</td><td>dwg no</td><td>213</td><td>sheet</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>J. ALLISON 08/09/02</td><td colspan="2">1:1</td><td>A</td><td>51939-022</td><td>4</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>J. ALLISON 08/09/02</td><td colspan="2"></td><td></td><td></td><td></td><td></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></td><td></td></tr></table>		mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com		ltr	ecn no.	dr	date	linear	0.X ±0.5	projection	COPY	title 16S + 5P RIGHT ANGLE SOLDER HEADER				D				0.XX ±0.25	0.XXX ±0.10	angles	0° ±2°					dr	C. DAILY 08/09/02	MIM		product family		PwrBlade	code					enrg	J. ALLISON 08/09/02	scale		size	dwg no	213	sheet					chr	J. ALLISON 08/09/02	1:1		A	51939-022	4						appd	J. ALLISON 08/09/02							sheet index		revision sheet									
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