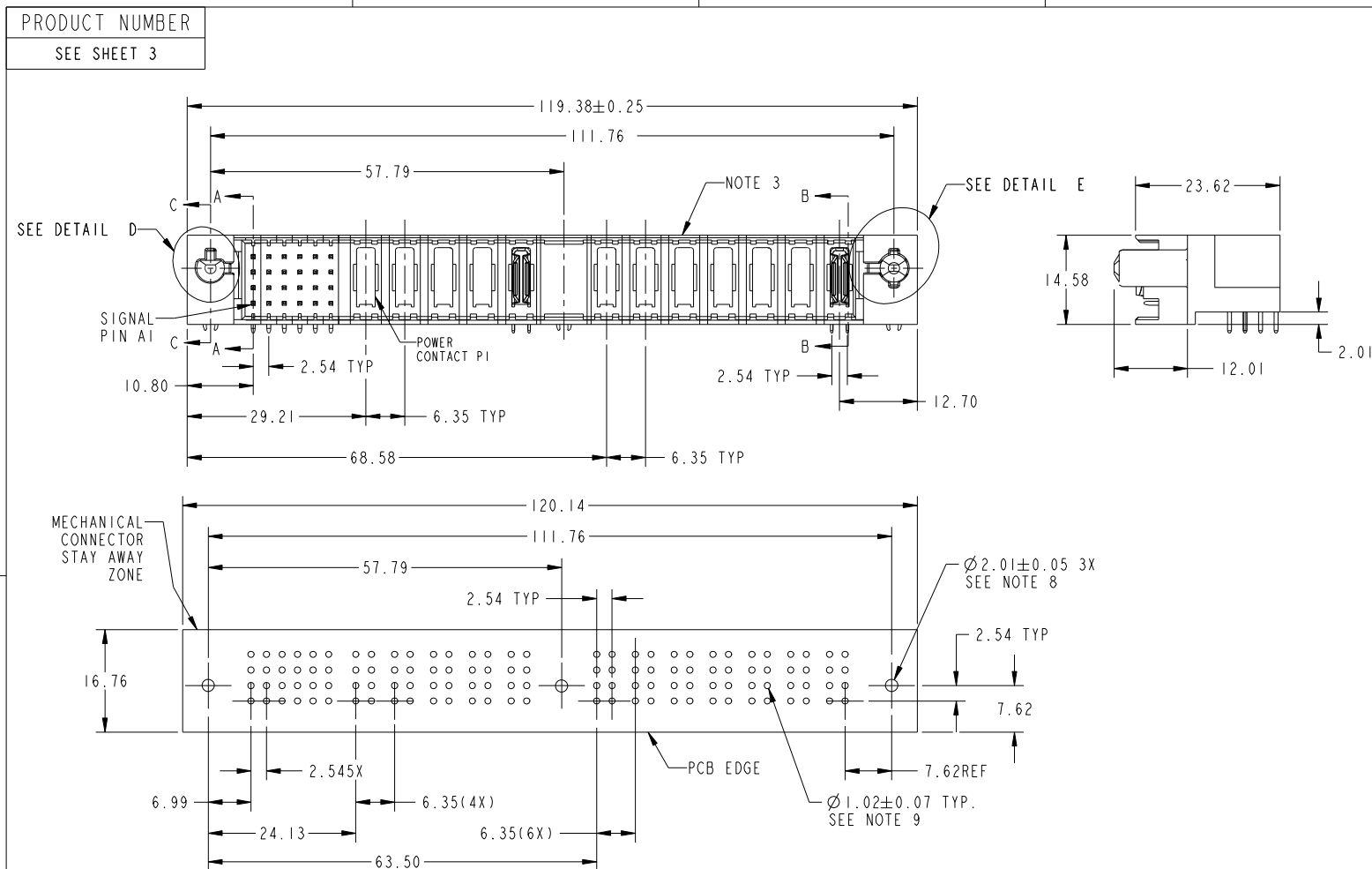




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RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.5				COPY			title 24S + 5P + 1M + 7P RIGHT ANGLE SOLDER HEADER	
K	DG05-0215	GUOJM	07/07/05		0.XX ±0.25				projection				
L	DG05-0563	RYAN	12/29/05		0.XXX ±0.10								
M	DG07-0498	JW	09/08/08	angles	0° ±2°								
				dr	L-IV	02-04-98			product family		PwrBlade	code	
				engr	J. BROWN	02-04-98			scale	size	dwg no	51219	sheet 1 of
				chr	J. BROWN	02-04-98				A			
				apprd	J. BROWN	02-04-98		1:1					
sheet index	revision	sheet	M	M	M	M							
			1	2	3	4							

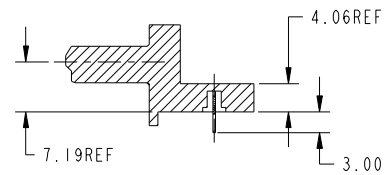
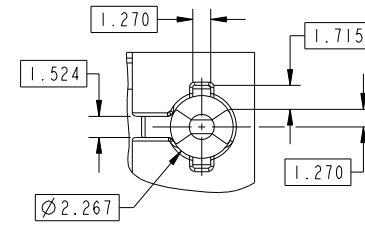
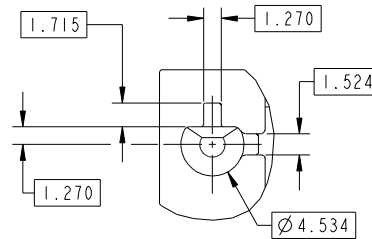
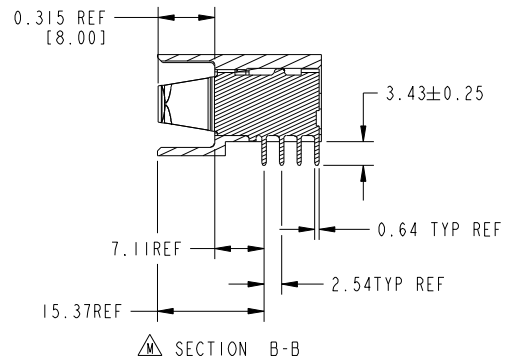
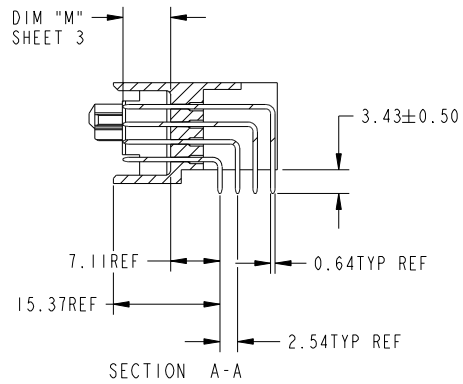
cage code	22526
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PRODUCT NUMBER
SEE SHEET 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
M					0.XX ± 0.25	projection		title 24S + 5P + 1M + 7P RIGHT ANGLE SOLDER HEADER	
					0.XXX ± 0.10				
				angles	0° ± 2°	MIM		product family	
				dr	L-IV 02-04-98			code	
				enr	J.BROWN 02-04-98	scale		size dwg no	
				chr	J.BROWN 02-04-98			A 51219	
				appd	J.BROWN 02-04-98	1:1		sheet	
sheet index		revision sheet						2 of 4	

cage code 22526

Pro/E

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PRODUCT No.	ROWS	SIGNAL						POWER												
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5		P6	P7	P8	P9	P10	P11
51219-XX001 NOTE: 3 	D C B A		                                                      																	

PRODUCT No.	ROWS	SIGNAL						POWER												E2					
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5		P6	P7	P8	P9	P10		P11	P12			
51219-XX002-- NOTE: 3	D C B A	 	UUUUUU TTTTTT SSSSSS RRRRRR	UUUUUU TTTTTT SSSSSS RRRRRR	UUUUUU TTTTTT SSSSSS RRRRRR	UUUUUU TTTTTT SSSSSS RRRRRR	UUUUUU TTTTTT SSSSSS RRRRRR																		 

PRODUCT No.	ROWS	SIGNAL						POWER															
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5		P6	P7	P8	P9	P10	P11	P12	E2	
51219-XX003- NOTE: 3	D C B A		UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	
			TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	
			SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	
			RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	
			EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	

PRODUCT No.	ROWS	SIGNAL														POWER												E2
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5		P6	P7	P8	P9	P10	P11	P12							
51219-XX004- NOTE: 3 	D C B A																											

CODE	DIM "M" ±0.25	CONTACT TYPE
E	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI			
litr	ecn no.	dr	date	linear	0.X ±0.5	projection	COPY	www.fciconnect.com			
M					0.XX ±0.25			title 24S + 5P + 1M + 7P			
					0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER			
				angles	0° ±2°	MIM	scale	product family			
				dr	L-IV			code			
				enrg	J.BROWN			size			
				chr	J.BROWN	1:1	A	dwg no			
				appd	J.BROWN			51219			
sheet index	revision sheet							sheet 3 of 4			

1 | 2

Pro/E

3 |

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4

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B

1 | 2

3 |

4

PRODUCT NUMBER
SEE SHEET 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 PRINT 10064183 FOR PLATING SPEC OF 51219-XX00X; 51219-XX00XLF
- (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.
12. A SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ± 0.5		COPY			title 24S + 5P + 1M + 7P RIGHT ANGLE SOLDER HEADER			
M					0.XX ± 0.25		projection						
					0.XXX ± 0.10								
				angles	0° ± 2°								
				dr	L-IV	02-04-98	 MM		product family		PwrBlade	code	
				enrg	J.BROWN	02-04-98			size	dwg no		sheet 4	
				chr	J.BROWN	02-04-98			scale				
				appd	J.BROWN	02-04-98	1:1		A		51219		
sheet index	revision sheet												

A

B

1 | 2

Pro/E

3 |

cage code
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4