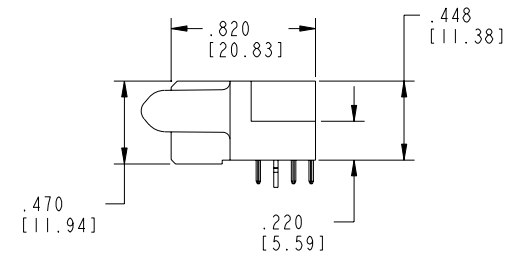
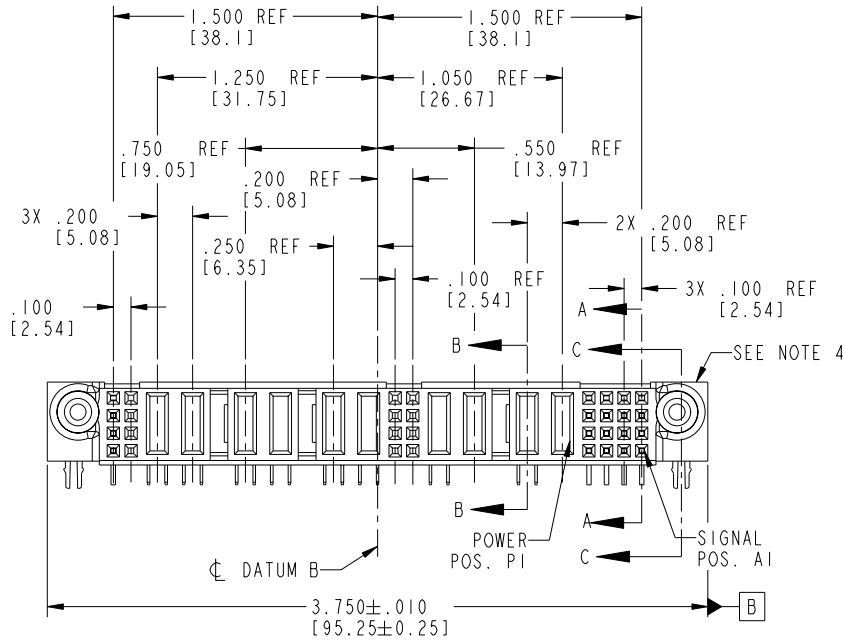


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PRODUCT NO.	ROWS	SIG				POWER				SIG				POWER				SIGNAL			
		E2	8	7	P10	P9	P8	P7	P6	P5	6	5	P4	P3	P2	P1	4	3	2	1	E1
51915-049-- NOTE:3	D C B A		H G F E	X X X X	PC	PC	PC	PC	PA	PA	X X X X	PA	X	PC	X	H G F E	H H H H	G G G G	F F F F	E E E E	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PC	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		<b>FCI</b> www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		
A	V04-0546	TAB	05/25/04		.XXX±.005/0.XX±0.13	16S + 4P + 8S + 6P + 8S		R/A SOLDER RECEPTACLE		
B	V04-1056	TAB	11/08/04		.XXX±.002/0.XX±0.051	INCH/MM		product family PwrBlade code 213		
C	DG05-0370	CS	09/30/05	angles	0°±2°	scale 1:1		size dwg no 51915-049 sheet 1 of 4		
sheet index		revision sheet	C 1	C 2	C 3	C 4				

cage code 22526 4

PDM: Rev:C

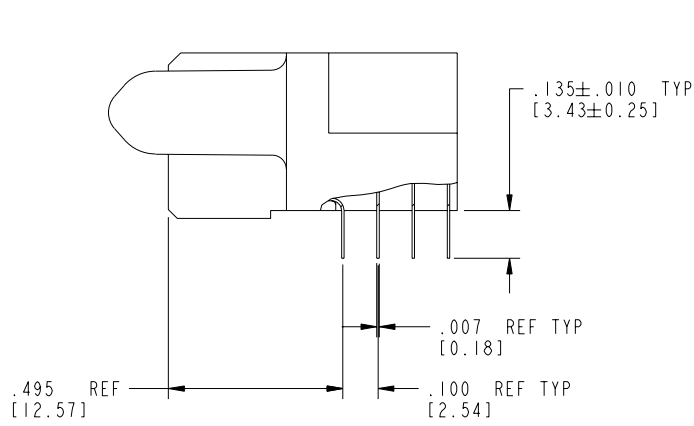
STATUS:Released

Printed: Dec 20, 2010

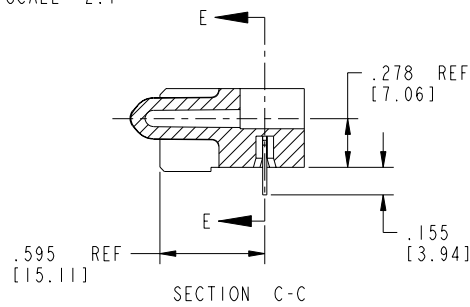
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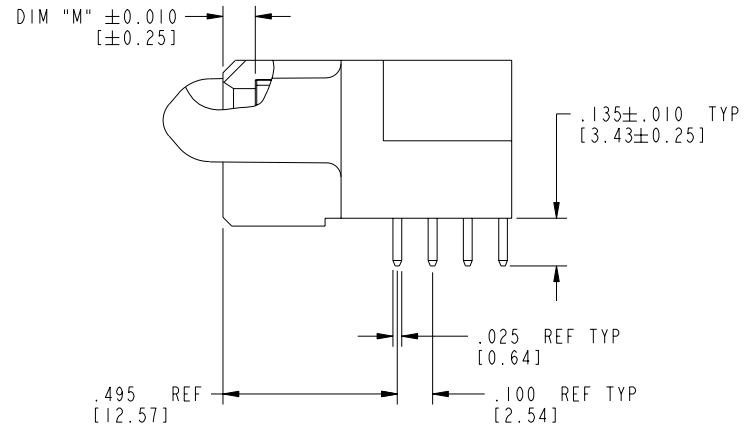
PRODUCT NUMBER  
51915-049\_\_  
NOTE: 3



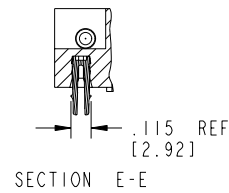
BROKEN-OUT SECTION A-A  
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION E-E

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ± .01 / 0.X ± 0.3	COPY		projection	title
C				angles	.XXX ± .005 / 0.XX ± 0.13				16S + 4P + 8S + 6P + 8S R/A SOLDER RECEPTACLE
				dr	.XXXX ± .0020 / 0.XXX ± 0.051			product family	PwrBlade
				enr	0° ± 2°	INCH/MM		size	213
				chr	T. BRUNGARD 05/25/04	scale		A	51915-049
				appd	M. GRAY 05/25/04	1:1		sheet	2 of 4
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:C

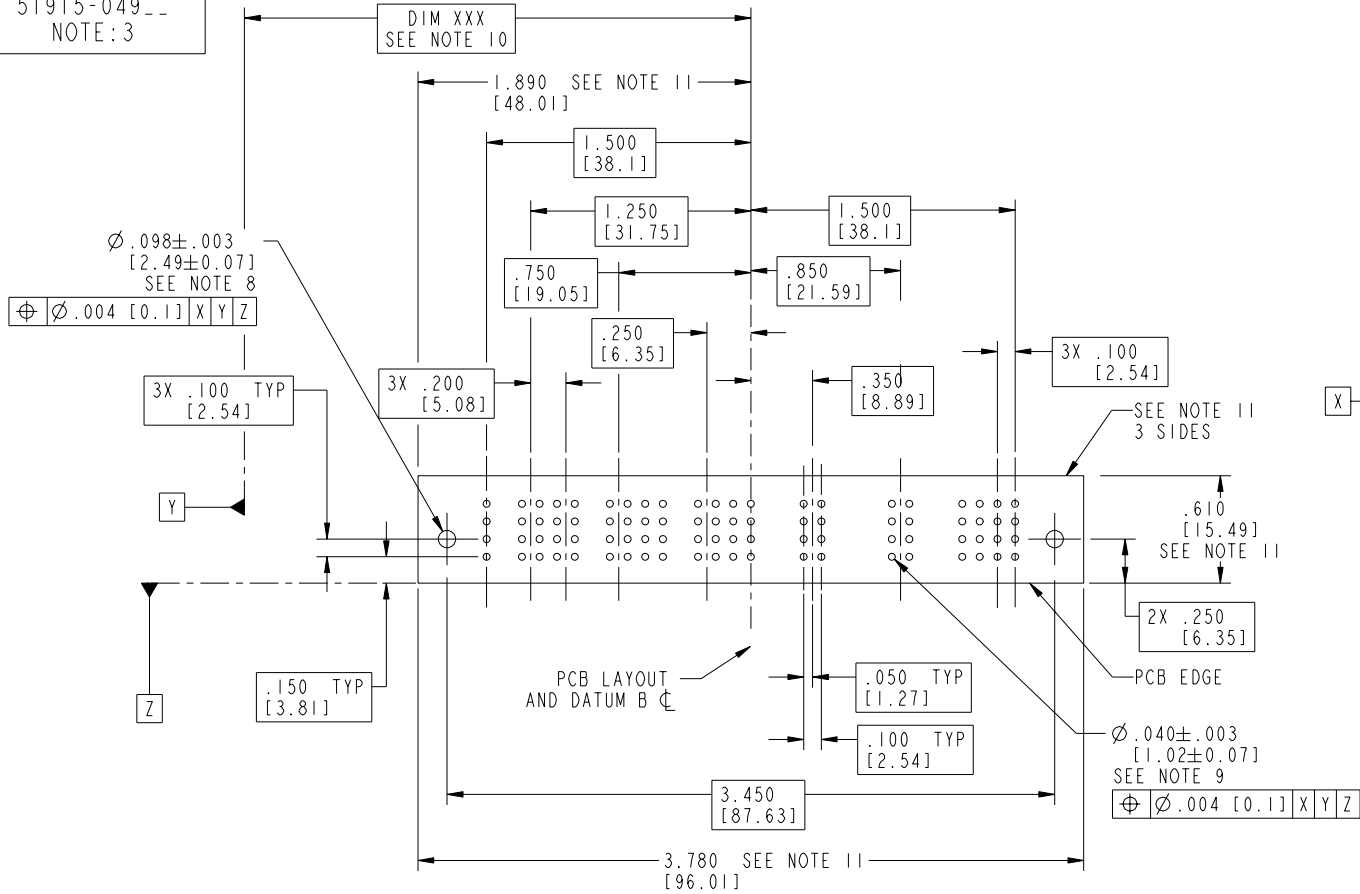
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER  
51915-049--  
NOTE: 3



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
C					.XXX±.005/0.XX±0.13	projection		16S + 4P + 8S + 6P + 8S R/A SOLDER RECEPTACLE	
				angles	.XXX±.0020/0.XXX±0.051	 INCH/MM		product family	
				dr	T. BRUNGARD 05/25/04	scale		PwrBlade	
				enr	M. GRAY 05/25/04	1:1		code	
				chr	M. GRAY 05/25/04			213	
				appd	M. GRAY 05/25/04			sheet	
sheet index		revision sheet						3 of 4	

cage code 22526

Pro/E

PDM: Rev:C

STATUS:Released

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PRODUCT NUMBER  
51915-049\_  
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:

51915-049 Singal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51915-049LF Singal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51915-049LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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.  $\varnothing .0453 \pm .0010$  [1.151 ± 0.025] DRILLED HOLES PLATED WITH  
.0003 [0.008] MIN SnPb OVER .001 [0.03]  
TO .003 [0.08] Cu PLATING TO ACHIEVE  
 $\varnothing .040 \pm .003$  [1.02 ± .07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
C					.XXX±.005/0.XX±0.13					16S + 4P + 8S + 6P + 8S R/A SOLDER RECEPTACLE	
				angles	.XXX±.002/0.XX±0.051					product family	
				dr	0° ± 2°	T. BRUNGARD 05/25/04		INCH/MM		PwrBlade	
				enr		M. GRAY 05/25/04		scale		code	
				chr		M. GRAY 05/25/04		1:1		213	
				appd		M. GRAY 05/25/04		A		sheet	
sheet index		revision sheet								4 of 4	

cage code 22526 4