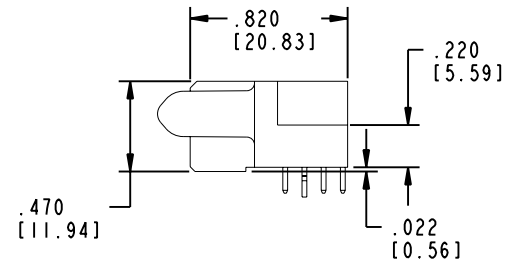
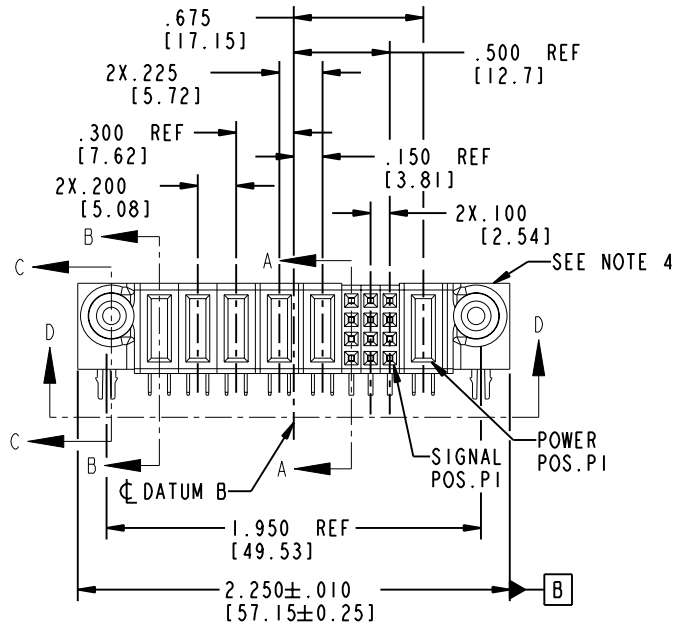
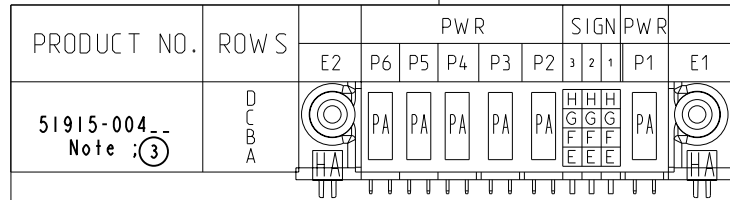


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FCI

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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
HA	N/A [N/A]	HOLD-DOWN

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
A	V12793	JWS	12/12/01		.XXX±.005/0.XX±0.13	projection		IP + 12S + 5P	
B	DG05-0112	SJ	05/16/05		.XXX±.0020/0.XX±0.051	INCH/MM		RIGHT ANGLE SOLDER RECEPTACLE	
				angles	0°±2°	product family		PwrBlade	code
				dr	J. SHAFFER 12/12/01	size		dwg no	213
				enrg	M. MOSTOLLER 12/12/01	scale		1:1	sheet
				chr	M. MOSTOLLER 12/12/01	A		51915-004	1 of 4
				appd	M. MOSTOLLER 12/12/01				
sheet index	revision sheet	B 1	B 2	B 3	B 4			cage code	22526

Pro/E

PDM: Rev:B

STATUS: Released

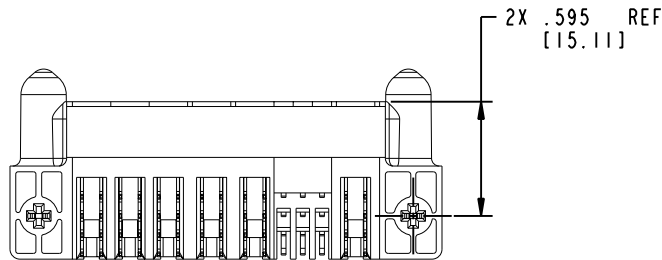
Printed: Dec 20, 2010

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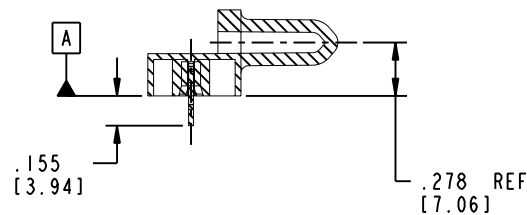
FCI

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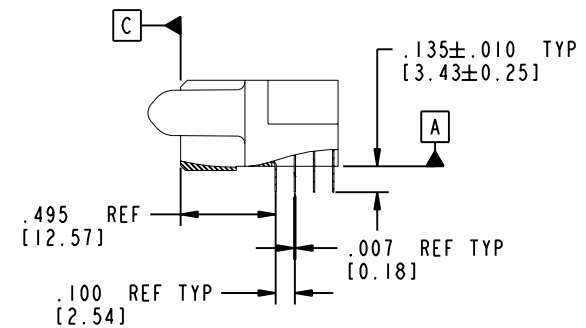
PRODUCT NUMBER
51915-004
Note: ③



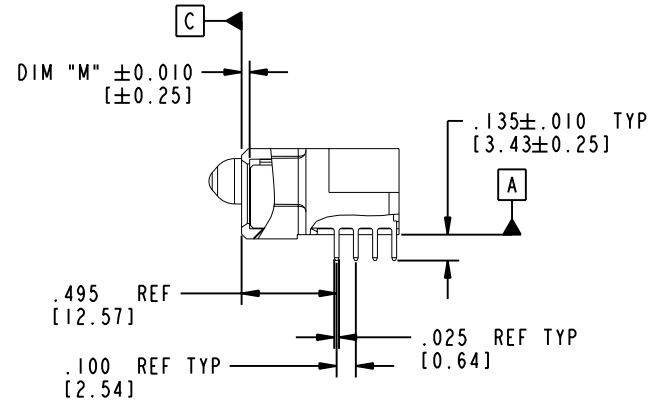
VIEW D-D



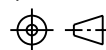
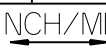
SECTION C-C



SECTION A-A



SECTION B-B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection 	title	
B					.XXX±.005/0.XX±0.13					IP + 12S + 5P	
					.XXXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER RECEPTACLE	
				angles	0°±2°				INCH/MM 	product family	
				dr	J. SHAFFER	12/12/01				PwrBlade	
				enrg	M. MOSTOLLER	12/12/01				code	
				chr	M. MOSTOLLER	12/12/01			size		
				appd	M. MOSTOLLER	12/12/01	scale		dwg no		
							1:1		A		
sheet index		revision sheet								51915-004	
										213	
										sheet	
										2 of 4	

Pro/E

PDM: Rev:B

STATUS: Released

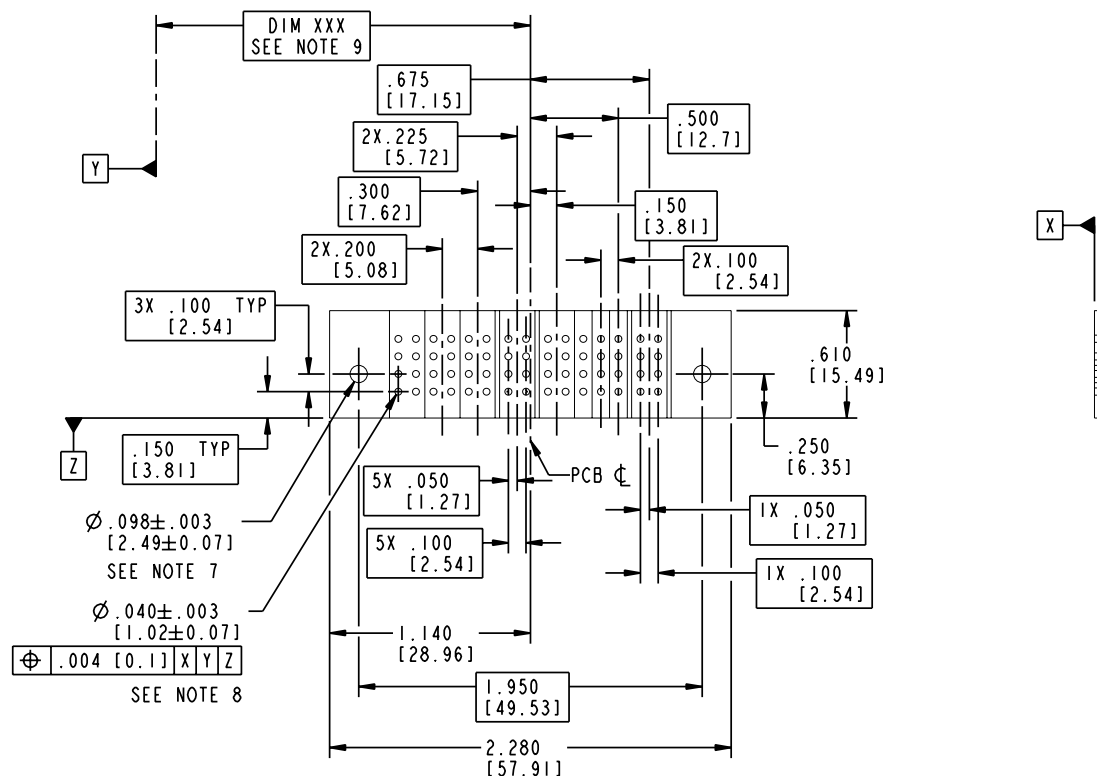
Printed: Dec 20, 2010

401

A

B

51915-004--
Note: (3)



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com							
lfr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$				COPY				projection 	title									
B					$.XX \pm .005/0.X \pm 0.13$									IP x 125 x 5P									
					$.XXX \pm .0020/0.X \pm 0.051$									RIGHT ANGLE SOLDER RECEPTACLE									
				angles	$0^\circ \pm 2^\circ$				INCH/MM 				product family				code						
				dr	J. SHAFFER		12/12/01						PwrBlade					213 sheet 3 of					
				engr	M. MOSTOLLER		12/12/01		scale				size	dwg no	A 51915-004								
				chr	M. MOSTOLLER		12/12/01																
				appd	M. MOSTOLLER		12/12/01																
sheet index		revision																					
sheet																							
Pro/E								3				cage code				22526				4			

Pro/E

PDM: Rev:B

STATUS: **Released**

Printed: Dec 20, 2010

PRODUCT NUMBER
51915-004
Note: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51915-004 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.

51915-004LF 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 51915-004LF 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" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

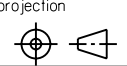
PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		 INCH/MM scale 1:1		
B					.XXX±.005/0.XX±0.13		projection				
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°				title IP • 12S • 5P RIGHT ANGLE SOLDER RECEPTACLE product family PwrBlade size 51915-004 code 213 sheet 4 of 4		
				dr	J. SHAFFER	12/12/01	INCH/MM				
				enrg	M. MOSTOLLER	12/12/01	scale				
				chr	M. MOSTOLLER	12/12/01	1:1				
				appd	M. MOSTOLLER	12/12/01					
sheet index		revision sheet									