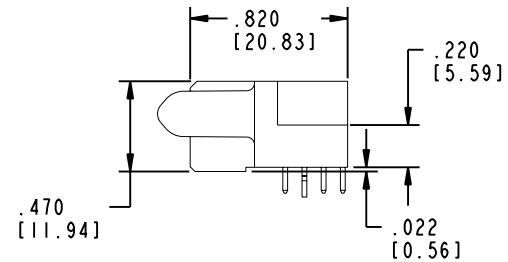
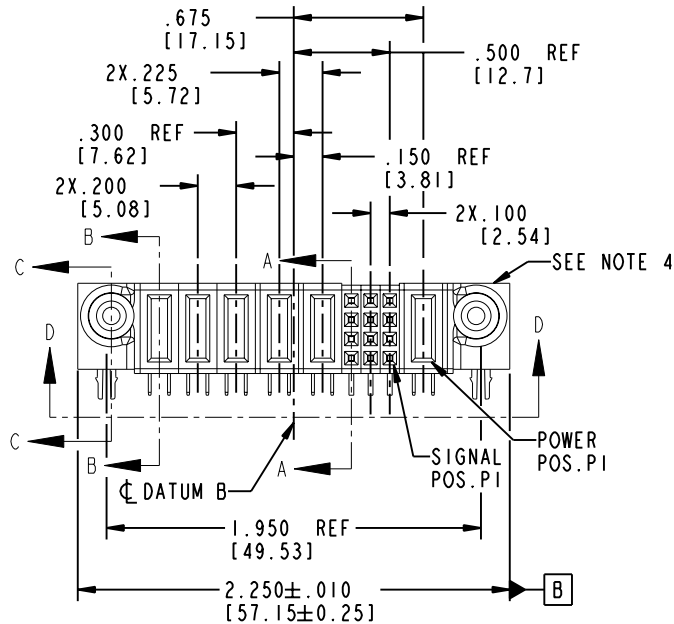
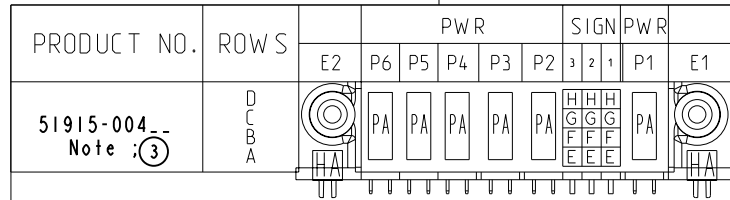


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FCI

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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	scale		size	213
				enrg	M. MOSTOLLER 12/12/01	1:1		dwg no	sheet
				chr	M. MOSTOLLER 12/12/01			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

3

cage code 22526

4

PDM: Rev:B

STATUS: Released

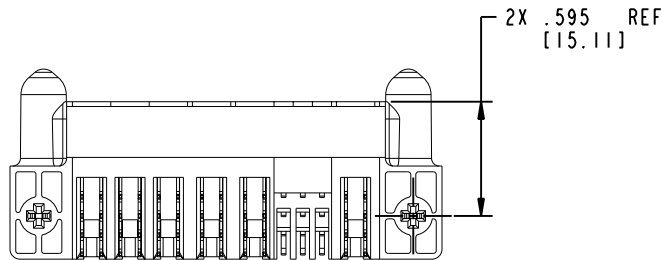
Printed: Aug 15, 2007

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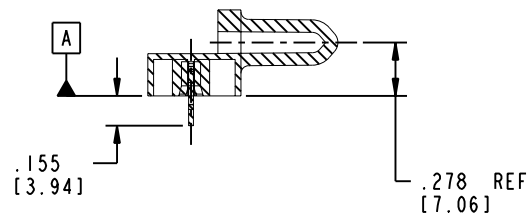
FCI

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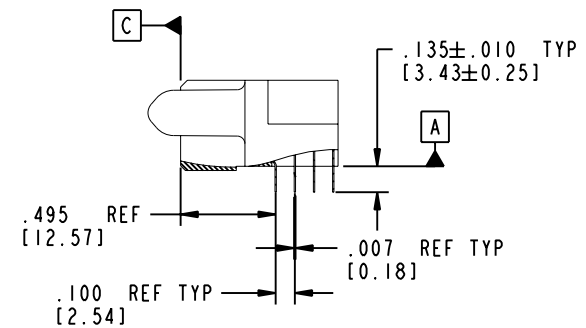
PRODUCT NUMBER
51915-004
Note: ③



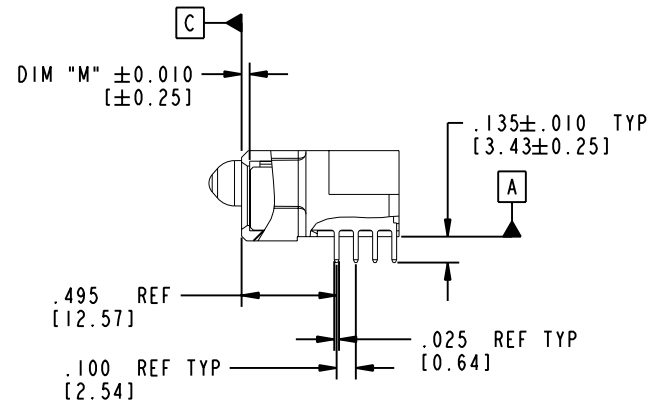
VIEW D-D



SECTION C-C



SECTION A-A



SECTION B-B

material code				tolerances unless otherwise specified		CUSTOMER		FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	
B					.XXX±.005/0.XX±0.13				
					.XXXX±.0020/0.XXX±0.051				
				angles	0°±2°	INCH/MM		product family	
				dr	J. SHAFFER 12/12/01				
				enr	M. MOSTOLLER 12/12/01				
				chr	M. MOSTOLLER 12/12/01	scale	1:1	size	
				appd	M. MOSTOLLER 12/12/01				
sheet index	revision							cage code	
	sheet								

Pro/E

cage code
22526

PDM: Rev:B

STATUS: Released

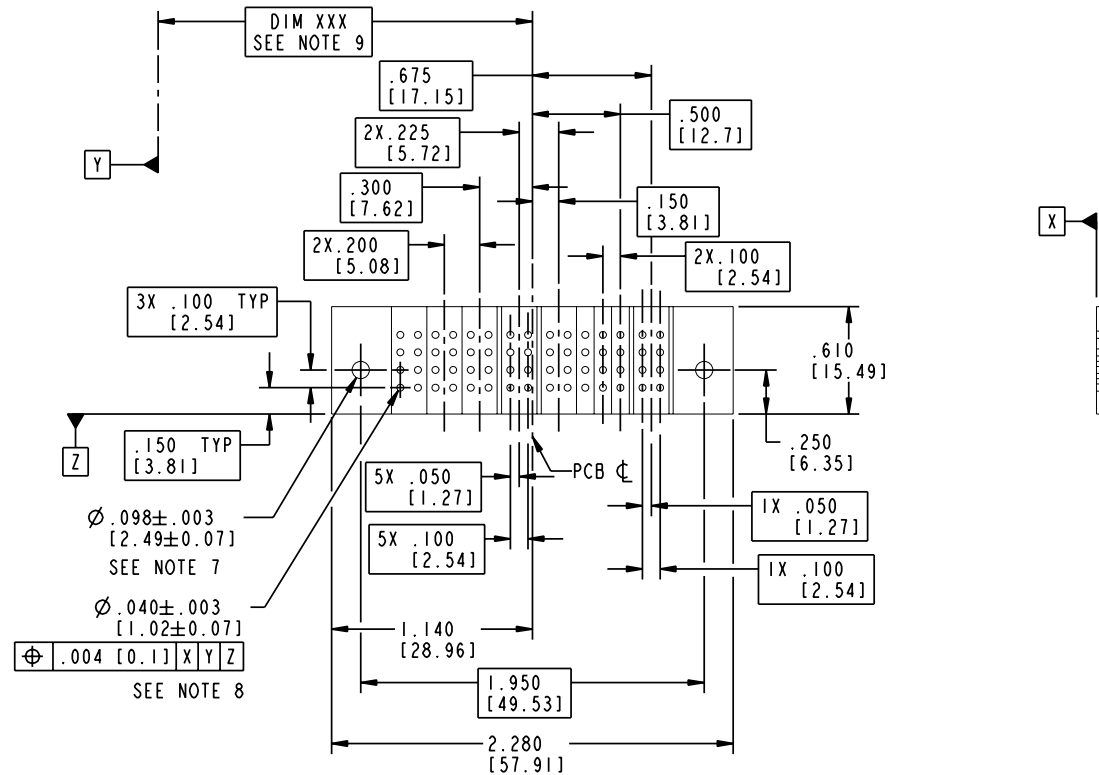
Printed: Aug 15, 2007

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A
FCI

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PRODUCT NUMBER
51915-004
Note: ③



mat'l code				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	IP • 12S • 5P
B				linear	XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER RECEPTACLE	
				angles	XXXX±.0020/0.XXX±0.051			product family	PwrBlade
				dr	J. SHAFFER 12/12/01			size	213
				engr	M. MOSTOLLER 12/12/01			dwg no	51915-004
				chr	M. MOSTOLLER 12/12/01			scale	3 of 4
				appd	M. MOSTOLLER 12/12/01				
sheet index	revision	sheet						cage code	22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Aug 15, 2007

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.

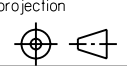
PCB - NOTES:

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