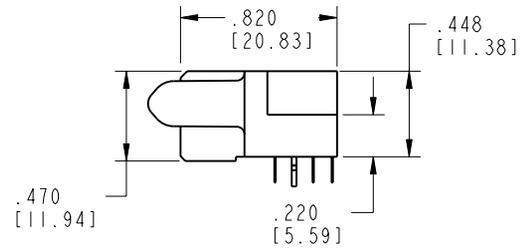
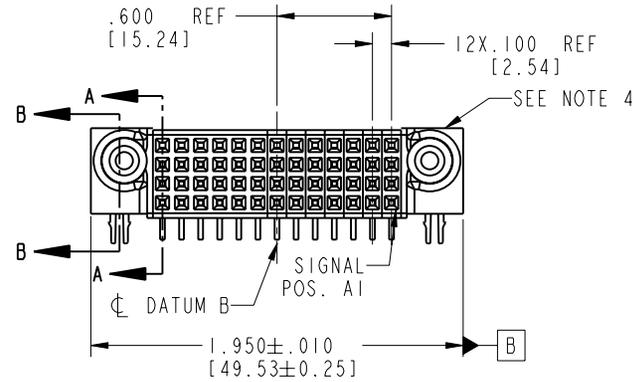


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PRODUCT NO.	ROWS	SIGNAL															
		E2	13	12	11	10	9	8	7	6	5	4	3	2	1	E1	
51915-091_- NOTE: (3)	D C B A		H	H	H	H	H	H	H	H	H	H	H	H	H	H	
		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
E	N/A [N/A]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN

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			
A	DG05-0409	GuoJM	10/21/05		.XXX±.005/0.XXX±0.13		projection			
				angles	.XXX±.0020/0.XXX±0.051					
				dr	JM GUO	10/21/05	INCH/MM			
				engr	SLUO	10/21/05	scale			
				chr	VICTOR LIN	10/21/05	1:1			
				appd	JOSEPH HSIA	10/21/05				
sheet index	revision sheet	A	A	A	A	A				
		1	2	3	4					

title	52S R/A STB RECEPTACLE	
product family	PwrBlade	code 213
size	dwg no	sheet
A	51915-091	1 of 4

cage code 22526 4

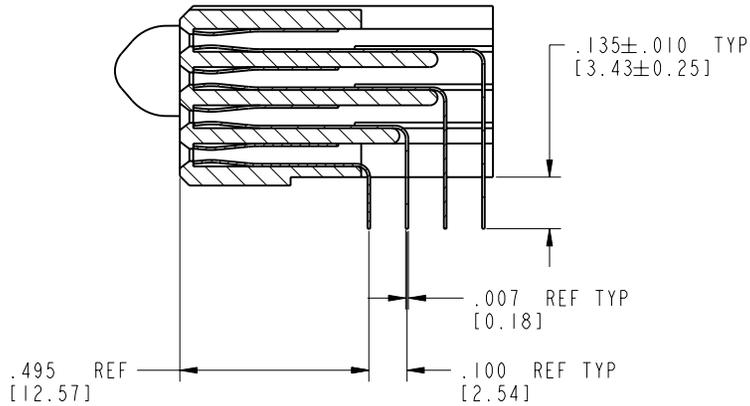
Pro/E

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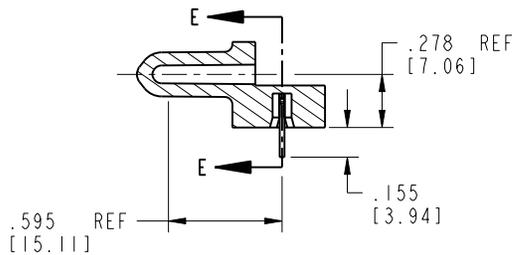
FCI

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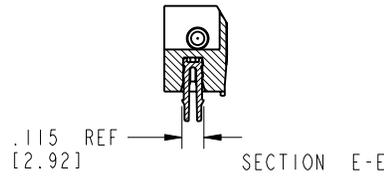
PRODUCT NUMBER
51915-091--
NOTE: ③



SECTION A-A
SCALE 2:1



SECTION B-B



SECTION E-E

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			
A				linear	.XXX±.005/0.XX±0.13	projection		title	52S
				angles	.XXX±.0020/0.XXX±0.051			R/A STB RECEPTACLE	
				dr	JM GUO 10/21/05	INCH/MM		product family	PwrBlade
				engr	SLUO 10/21/05	scale		size	dwg no
				chr	VICTOR LIN 10/21/05	1:1		A	51915-091
				appd	JOSEPH HSIA 10/21/05			code	213
sheet index	revision sheet							sheet	2 of 4

cage code 22526

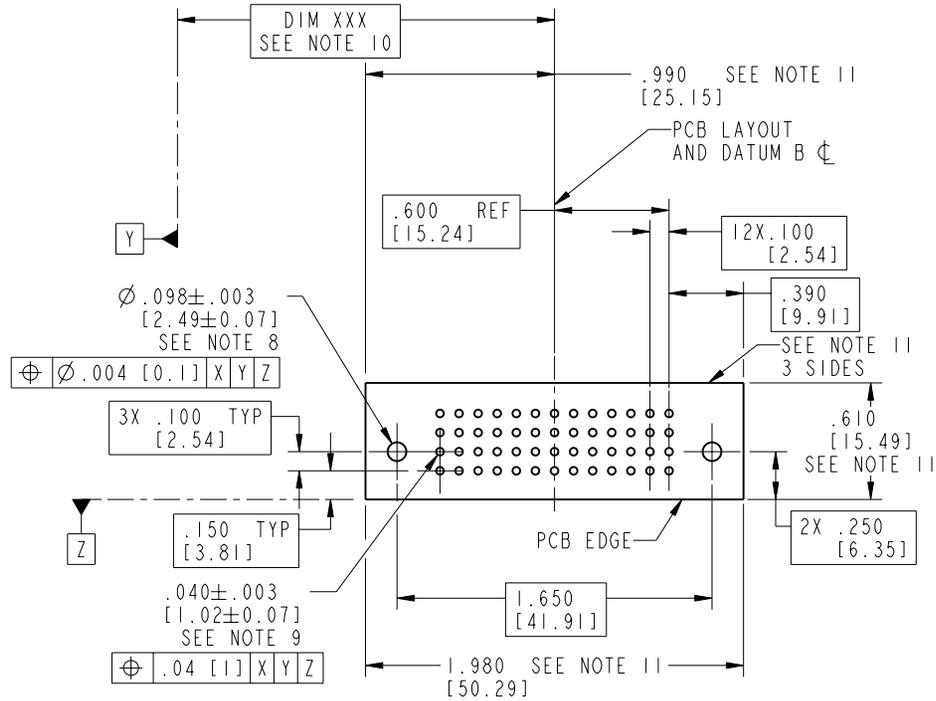
Pro/E

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PRODUCT NUMBER
51915-091--
NOTE: ③



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	52S
A				linear	.XXX ± .005/0.XXX ± 0.13	projection		R/A STB RECEPTACLE	
				angles	.XXX ± .0020/0.XXX ± 0.051			product family	PwrBlade
				dr	JM GUO 10/21/05	INCH/MM		code	213
				engr	SLUO 10/21/05	scale		size	dwg no
				chr	VICTOR LIN 10/21/05	1:1		A	51915-091
				appd	JOSEPH HSIA 10/21/05			sheet	3 of 4
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

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B

PRODUCT NUMBER

51915-091__
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:

51915-091 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.

51915-091LF 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.

PART NUMBER 51915-091LF MEETS EUROPEAN UNION DIRECTIVE AND IOTHER 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:

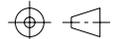
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨. $\varnothing .0453 \pm .0010$ [1.151 \pm 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 \pm .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	ecn no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3		COPY		 INCH/MM	title	
A					.XXX \pm .005/0.XX \pm 0.13		projection			52S	
				angles	.XXX \pm .0020/0.XXX \pm 0.051		 1:1		R/A STB RECEPTACLE		
					$0 \pm 2^\circ$		product family		PwrBlade		code
				dr	JM GUO	10/21/05	size		dwg no		sheet
				engr	SLUO	10/21/05	A		51915-091		213
				chr	VICTOR LIN	10/21/05	4 of 4				4 of 4
				appd	JOSEPH HSIA	10/21/05					
sheet index	revision sheet										

1 | 2

3 |

4

1 | 2

Pro/E

3 |

coge code 22526

4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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