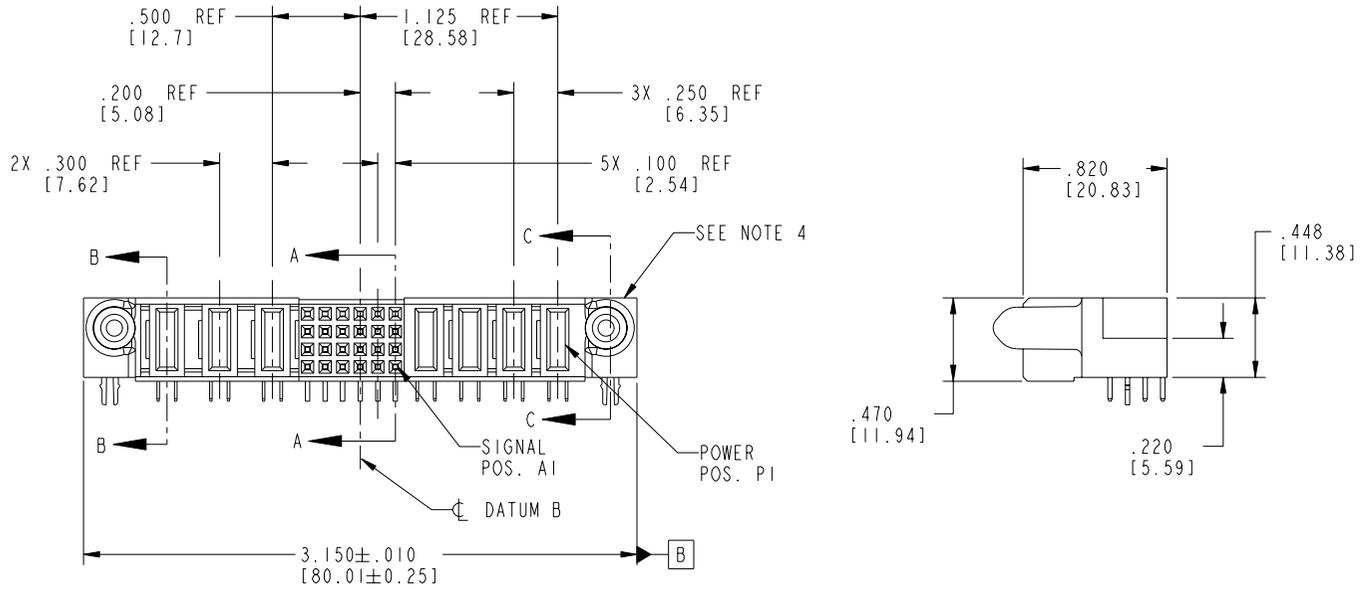


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FCI

PRODUCT NO. 51915-012-- NOTE:3	ROWS D C B A	POWER			SIGNAL				POWER							
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
			PC	PC	PA	H	H	H	H	H	H	PC	PC	PC	PC	
						G	G	G	G	G	G					
						F	F	F	F	F	F					
						E	E	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

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		projection	
A	V21205	CGD	07/22/02		.XXX±.005/0.XX±0.13	INCH/MM		title 4P + 24S + 3ACP R/A SOLDER RECEPTACLE	
B	DG05-0353	CS	09/26/05	angles	.XXX±.0020/0.XX±0.051	scale 1:1		product family PwrBlade code 213	
				dr	C. DAILY 07/22/02			size dwg no 51915-012	
				enrg	M. MOSTOLLER 07/22/02			sheet 1 of 4	
				chr	M. MOSTOLLER 07/22/02				
				appd	M. MOSTOLLER 07/22/02				
sheet index	revision sheet	B 1	B 2	B 3	B 4				

cage code 22526 4

PDM: Rev:B

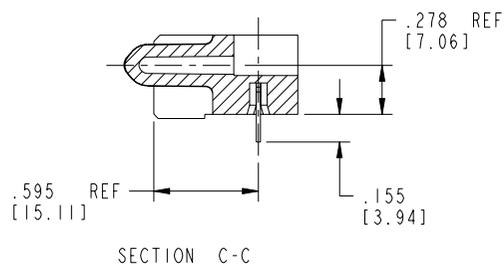
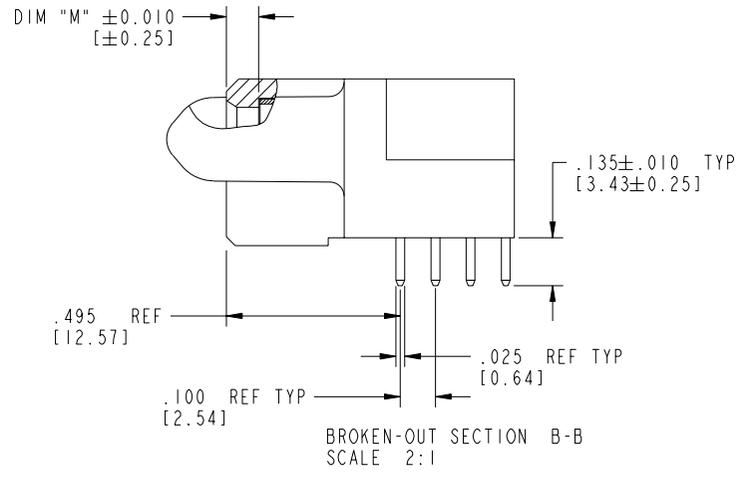
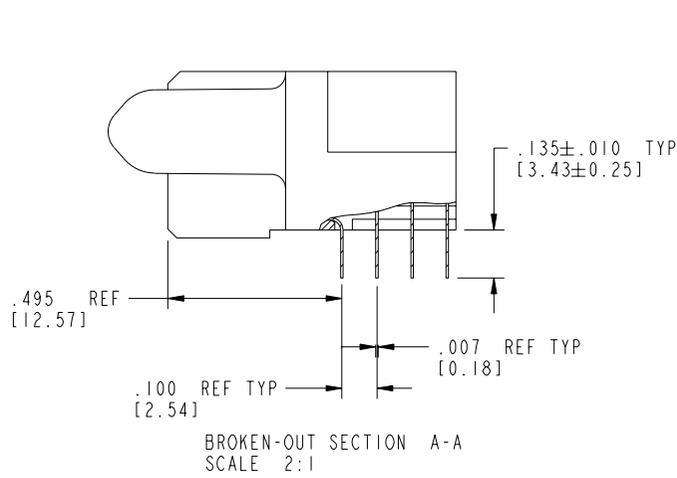
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PRODUCT NUMBER
51915-012--
NOTE: 3



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		projection	title
B					.XXX±.005/0.XX±0.13				4P + 24S + 3ACP R/A SOLDER RECEPTACLE
				angles	.XXX±.0020/0.XXX±0.051				product family
				dr	0°±2°	INCH/MM			PwrBlade
				enr	C. DAILY 07/22/02	scale		A	code
				chr	M. MOSTOLLER 07/22/02	1:1		size	213
				appd	M. MOSTOLLER 07/22/02			dwg no	sheet
sheet index	revision sheet							51915-012	2 of 4

cage code 22526 4

Pro/E

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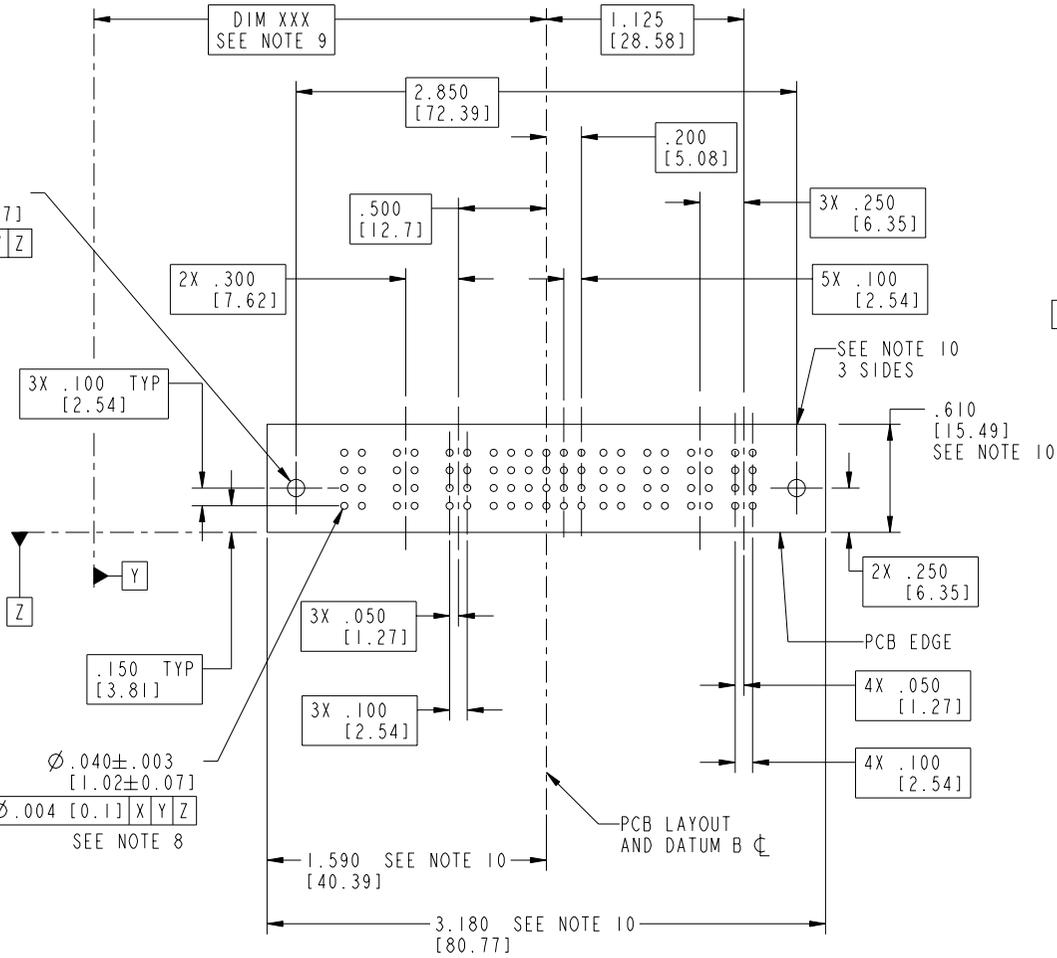
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PRODUCT NUMBER
51915-012--
NOTE: 3

$\varnothing .098 \pm .003$
[2.49 ± 0.07]
 $\varnothing .004$ [0.1] X Y Z
SEE NOTE 7

$\varnothing .040 \pm .003$
[1.02 ± 0.07]
 $\varnothing .004$ [0.1] X Y Z
SEE NOTE 8



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
B					.XXX±.005/0.XX±0.13				4P + 24S + 3ACP R/A SOLDER RECEPTACLE
				angles	.XXX±.0020/0.XXX±0.051				product family
				dr	0° ± 2°	INCH/MM			PwrBlade
				engr	C. DAILY 07/22/02	scale		size	code
				chr	M. MOSTOLLER 07/22/02	1:1		A	213
				appd	M. MOSTOLLER 07/22/02			51915-012	sheet
sheet index	revision sheet								3 of 4

cage code 22526 4

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3 |

4

PRODUCT NUMBER
51915-012__
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:

51915-012 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.

51915-012LF 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 51915-012LF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm .0010$ [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.

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

10. 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+ .01/0.X+0.3	COPY		projection		title	
B					.XXX+ .005/0.XX+0.13					4P + 24S + 3ACP R/A SOLDER RECEPTACLE	
				angles	XXXX+ .0020/0.XXX+0.051					product family	
				dr	0° +2°			INCH/MM		PwrBlade	
				enr	C. DAILY 07/22/02			scale		code	
				chr	M. MOSTOLLER 07/22/02			1:1		213	
				appd	M. MOSTOLLER 07/22/02			A		sheet	
sheet index		revision sheet								4 of 4	

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4

1 | 2

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3 |

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