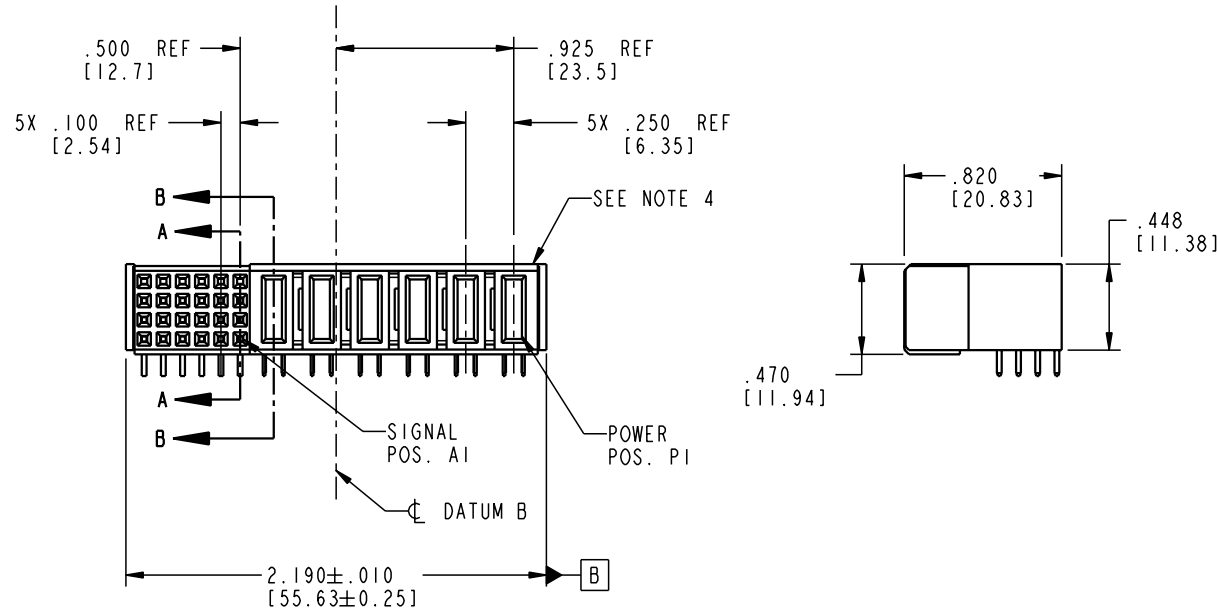


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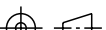
FCI

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PRODUCT NO.	ROWS	SIGNAL					POWER						
		6	5	4	3	2	1	P6	P5	P4	P3	P2	P1
51776-003	D C B A	H	H	H	H	H	H	PA	PA	PA	PC	PC	PA
		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

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 6P + 24S R/A SOLDER RECEPTACLE	
A	V21401	CGD	08/29/02		.XXX ± .005 / 0.XX ± 0.13		projection				
					.XXX ± .0020 / 0.XXX ± 0.051						
				angles	0° ± 2°						
				dr	C. DAILY	08/29/02	INCH/MM 				
				enrg	M. MOSTOLLER	08/29/02					
				chr	M. MOSTOLLER	08/29/02					
				appd	M. MOSTOLLER	08/29/02	scale 1:1		product family PwrBlade		code 213
									size A		sheet 1 of 4
sheet index		revision sheet		A	A						
				1	2	3	4				

Pro/E

3

cage code 22526

4

PDM: Rev:A

STATUS: Released

Printed: Aug 14, 2007

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A

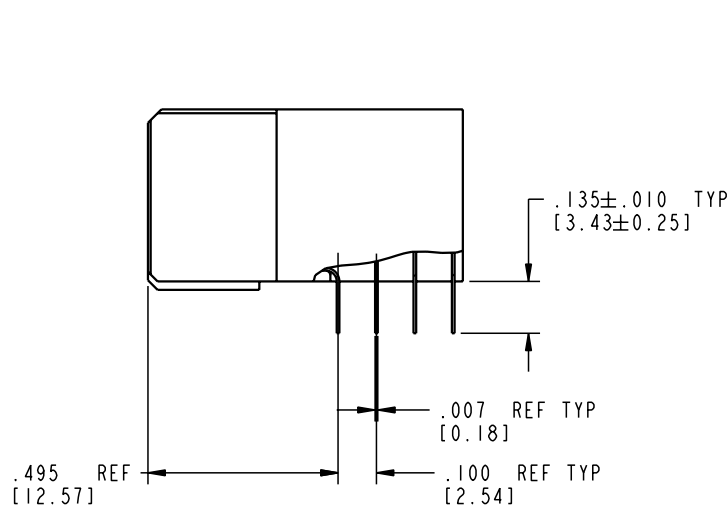
A

FCI

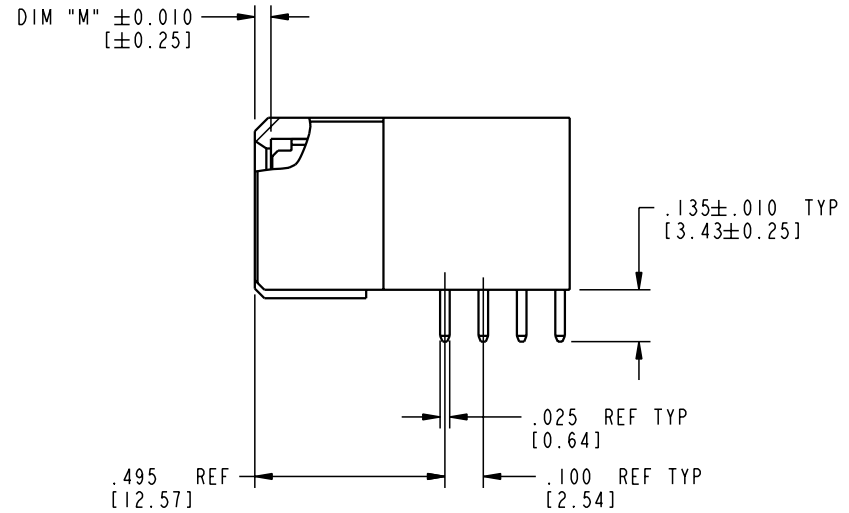
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B

PRODUCT NUMBER
51776-003



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		A	
SEE NOTE 2						COPY		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title 6P + 24S R/A SOLDER RECEPTACLE	
A					.XXX±.005/0.XX±0.13				
					.XXXX±.0020/0.XXX±0.051				
				angles	0°±2°	INCH/MM		product family PwrBlade	
				dr	C. DAILY 08/29/02				
				enr	M. MOSTOLLER 08/29/02				
				chr	M. MOSTOLLER 08/29/02	scale	1:1	size A 51776-003	
				appd	M. MOSTOLLER 08/29/02				
sheet index		revision sheet						cage code	
								22526	

B

Pro/E

3

cage code
22526

4

PDM: Rev:A

STATUS: Released

Printed: Aug 14, 2007

STATUS: **Released** Printed: Aug 14, 2007

PRODUCT NUMBER
51776-003

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:
SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni
POWER CONTACTS: 50u"/1.27um Ni UNDER ALL
WITH 30u"/0.76um Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE
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		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01 / 0.X $\pm$ 0.3		COPY		title 6P + 24S R/A SOLDER RECEPTACLE		
A					.XXX $\pm$.005 / 0.XX $\pm$ 0.13		projection				
					.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051						
				angles	0° $\pm$ 2°		INCH/MM		product family PwrBlade		
				dr	C. DAILY	08/29/02	scale		code 213		
				enrg	M. MOSTOLLER	08/29/02	1:1		sheet 4 of 4		
				chr	M. MOSTOLLER	08/29/02					
				appd	M. MOSTOLLER	08/29/02					
sheet index		revision sheet									