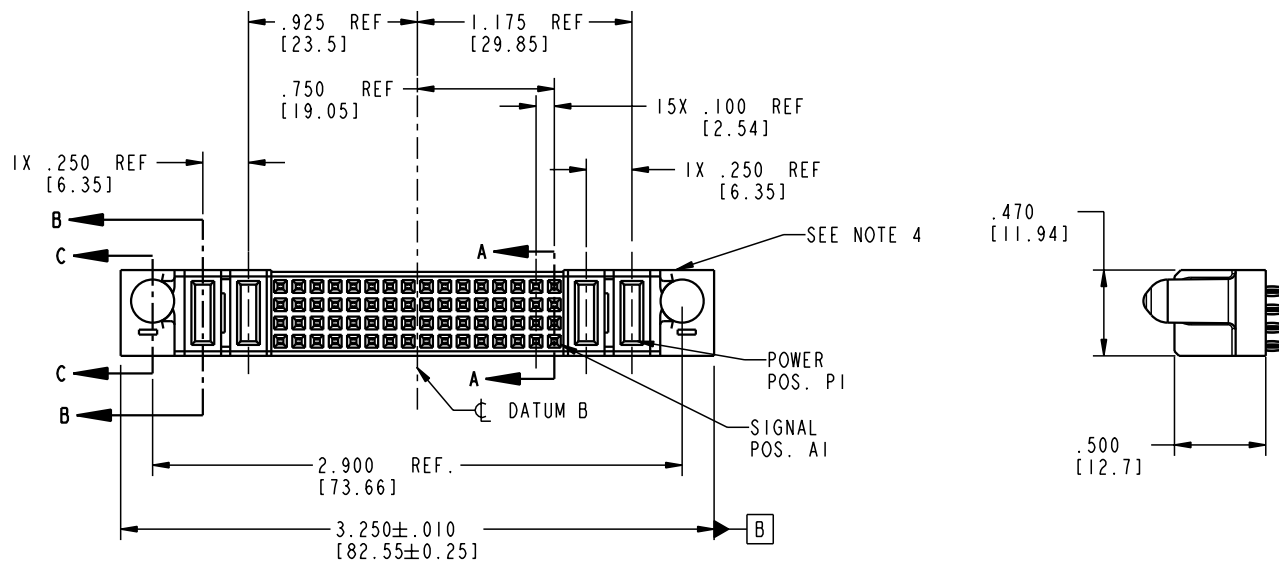


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FCI

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PRODUCT NO.	ROWS	POWER			SIGNAL																POWER		
		E2	P4	P3	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1	E1
51750-042	D C B A		PC	PF	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	PF	PC	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
l/r	ecr no.	dr	date	linear	XX±.01/0.X±0.3	projection	1:1	COPY	title	2P + 64S + 2P	code
A	V03-0094	TAB	01/23/03	linear	.XXX±.005/0.XX±0.13	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
B	V03-0185	MEM	2/12/03	linear	.XXX±.0020/0.XXX±0.051	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
				angles	0°±2°	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
				dr	T. BRUNGARD 01/23/03	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
				enr	M. MOSTOLLER 01/23/03	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
				chr	M. MOSTOLLER 01/23/03	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
				appd	M. MOSTOLLER 01/23/03	projection	1:1	COPY	title	VERTICAL PRESS-FIT RECEPT	213
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

cage code 22526

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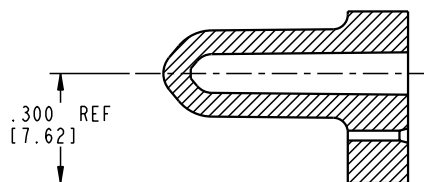
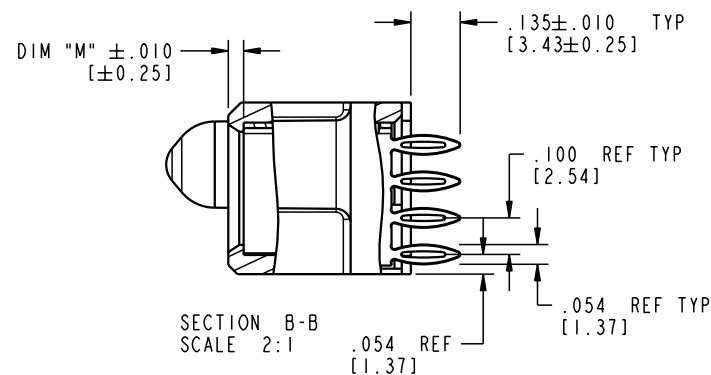
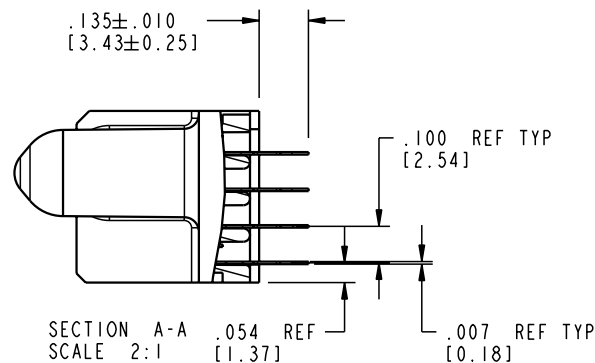
A
FCI

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A

B

PRODUCT NUMBER
51750-042



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
litr	ecn no.	dr	date	linear	angles	dr	enr	chr	appd	COPY	projection	title	product family
B						T. BRUNGARD	M. MOSTOLLER	M. MOSTOLLER	M. MOSTOLLER			2P + 64S + 2P	PwrBlade
						01/23/03	01/23/03	01/23/03	01/23/03			VERTICAL PRESS-FIT RECEPT	
												code	213
												size	dwg no
												A	51750-042
												sheet	2 of 4
sheet index	revision	sheet											

Pro/E

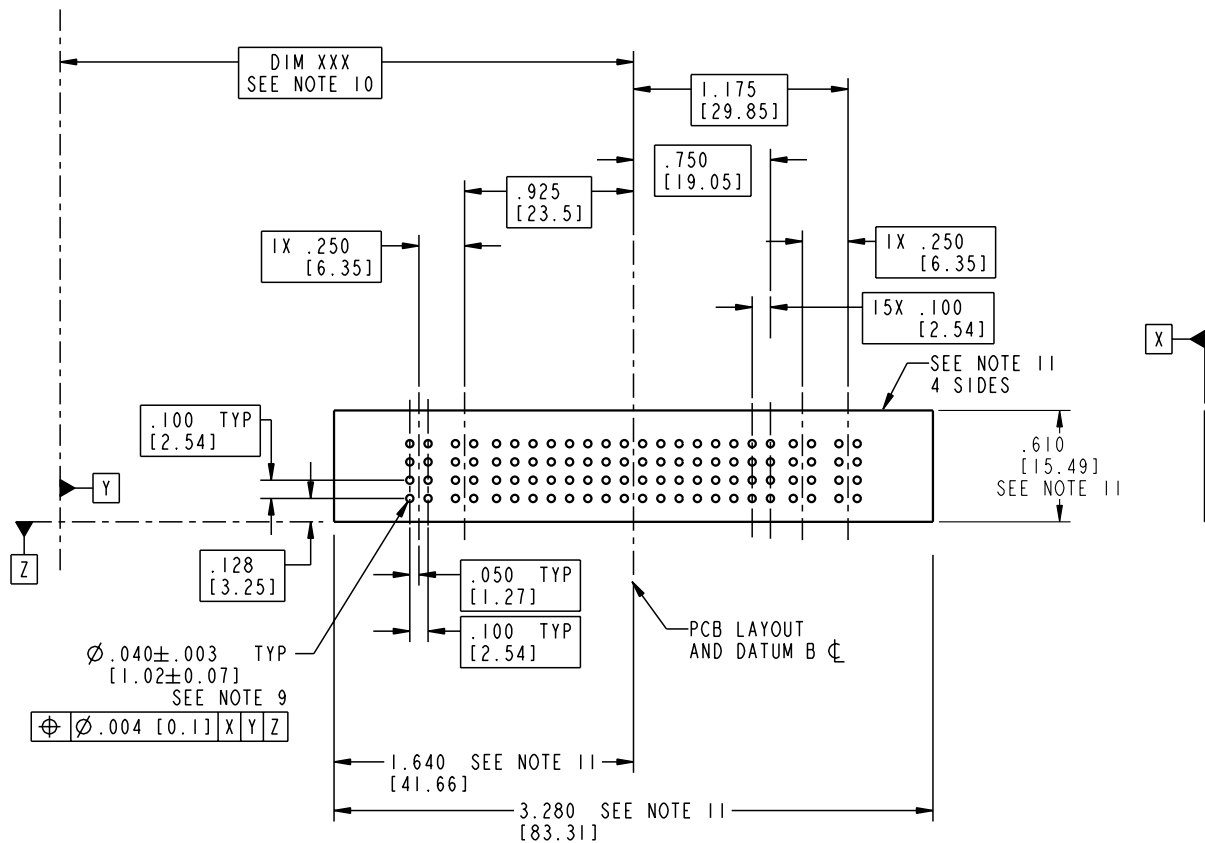
cage code
22526

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A
FCI

PRODUCT NUMBER
51750-042



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	2P + 64S + 2P
B						angles	$XXX \pm .005 / 0.XX \pm 0.13$	projection		VERTICAL PRESS-FIT RECEPT	
							$XXXX \pm .0020 / 0.XXX \pm 0.051$			product family	PwrBlade
						dr	T. BRUNGARD 01/23/03	INCH/MM		code	213
						enr	M. MOSTOLLER 01/23/03	scale		size	dwg no
						chr	M. MOSTOLLER 01/23/03	1:1		A	51750-042
						appd	M. MOSTOLLER 01/23/03			sheet	3 of 4
sheet index	revision										
	sheet										

Pro/E

cage code
22526

PRODUCT NUMBER

51750-042

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.

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		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date			XX $\pm$.01/0.X $\pm$ 0.3		COPY			
B				linear		.XXX $\pm$.005/0.XX $\pm$ 0.13	projection		title 2P + 64S + 2P		
				angles		.XXX $\pm$.0020/0.XXX $\pm$ 0.051			VERTICAL PRESS-FIT RECEPT		
				dr	T. BRUNGARD	01/23/03	INCH/MM		product family	PwrBlade	code
				enrg	M. MOSTOLLER	01/23/03	scale		size	dwg no	213
				chr	M. MOSTOLLER	01/23/03	1:1		A	51750-042	sheet
				appd	M. MOSTOLLER	01/23/03					4 of 4
sheet index		revision sheet									