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A
FCI

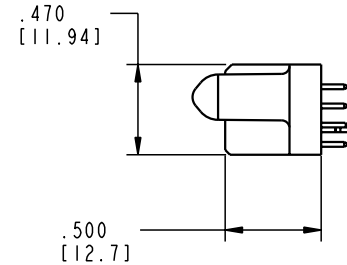
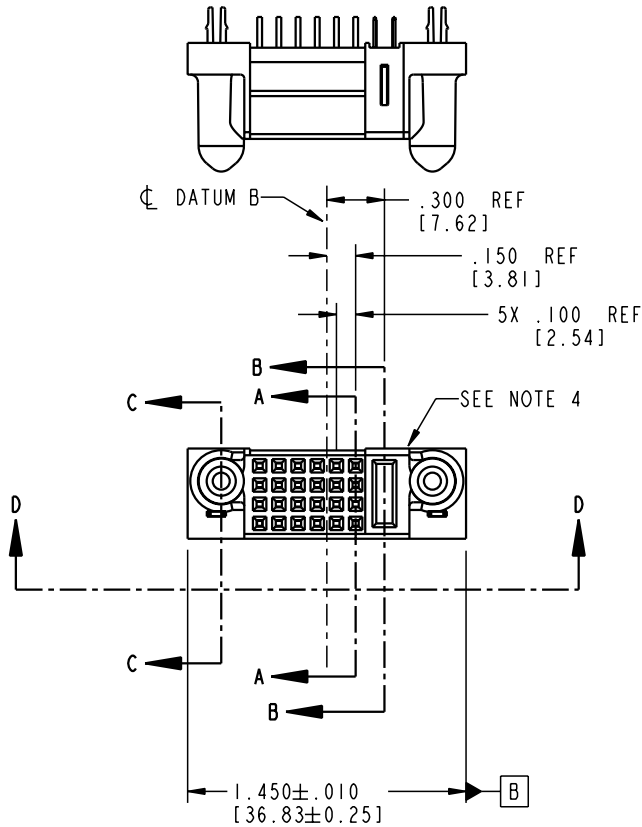
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A

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B

PRODUCT NO.	ROWS	SIGNAL						PWR		
		E2	6	5	4	3	2	1	P1	E1
51940-012	D C B A									



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
E	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		 www.fciconnect.com	
ltr	ecn no.	dr	date					COPY			
A	V20913	JWS	05-13-02	linear		.XX±.01/0.X±0.3		projection		title	
B	V20933	JWS	05-16-02			.XXX±.005/0.XX±0.13				IP + 24S	
C	V21101	DAI	06-20-01		angles	.XXXX±.0020/0.XXX±0.051				VERT SOLDER RECEPTACLE	
				dr	J. SHAFFER	05-13-02		 INCH/MM		product family	PwrBlade
				enrg	M. MOSTOLLER	05-13-02			size	dwg no	code
				chr	M. MOSTOLLER	05-13-02			A	51940-012	213
				appd	M. MOSTOLLER	05-13-02		scale	1:1	sheet	of 4
sheet index	revision sheet	C	C	C	C						
		1	2	3	4						

A

B

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:C

STATUS: Released

Printed: Oct 08, 2006

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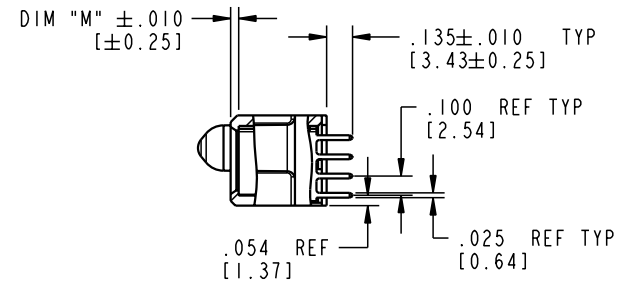
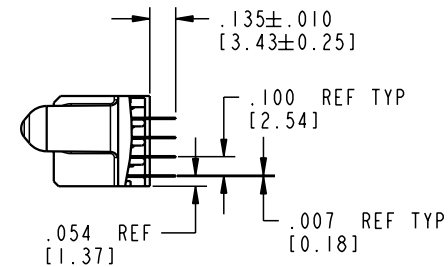
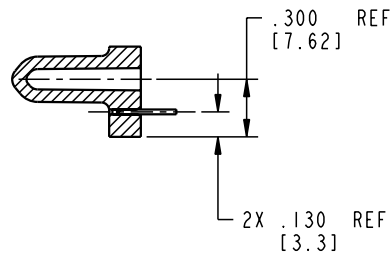
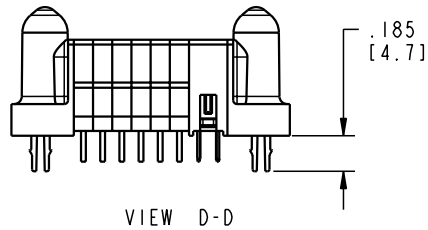
A

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FCI

B

PRODUCT NUMBER
51940-012



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 IP + 24S VERT SOLDER RECEPTACLE	
C					.XXX±.005/0.XX±0.13				
					.XXX±.0020/0.XXX±0.051				
				angles	0°±2°	INCH/MM		product family PwrBlade	
				dr	J. SHAFFER 05-13-02				
				enr	M. MOSTOLLER 05-13-02				
				chr	M. MOSTOLLER 05-13-02	scale	1:1	size dwg no A 51940-012	
				appd	M. MOSTOLLER 05-13-02				
sheet index	revision	sheet						cage code 22526	

Pro/E

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cage code
22526

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AFI

PCB LAYOUT
AND DATUM B $\perp$

DIM XXX
SEE NOTE 9

.740
[18.8]
SEE NOTE 10

.300
[7.62]

.150
[3.81]

5X .100
[2.54]

SEE NOTE 10
4 SIDES

.100 TYP
[2.54]

.610
[15.49]
SEE NOTE 10

.205
[5.21]
SEE NOTE 10

2X .077
[1.96]

.050 TYP
[1.27]

.100 TYP
[2.54]

1.150
[29.21]

1.480
[37.59]
SEE NOTE 10

.040 $\pm$.003 TYP
[1.02 $\pm$ 0.07]
SEE NOTE 8

2X $\varnothing$.098 $\pm$.003
[2.49 $\pm$ 0.07]
SEE NOTE 7

DIM YYY
NOTE 9

Z

Y

$\varnothing$.004 [0.1] X Y Z

[illegible]

cage code	22526
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Pro/E

3

4

PDM: Rev:C

STATUS: **Released**

Printed: Oct 08, 2006

PRODUCT NUMBER
51940-012

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:

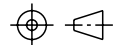
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑧ $\varnothing .0453 \pm 0.0010$ [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" AND "DIM YYY" ARE 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±.01/0.X±0.3		COPY		projection  INCH/MM scale 1:1	title	
C					.XXX±.005/0.XX±0.13					IP + 24S	
					.XXX±.0020/0.XXX±0.051					VERT SOLDER RECEPTACLE	
				angles	0°±2°				product family		code
				dr	J. SHAFFER	05-13-02			PwrBlade		
				engr	M. MOSTOLLER	05-13-02			size		213
				chr	M. MOSTOLLER	05-13-02			dwg no		sheet
				appd	M. MOSTOLLER	05-13-02			A 51940-012		4
sheet index		revision sheet									