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A
FCI

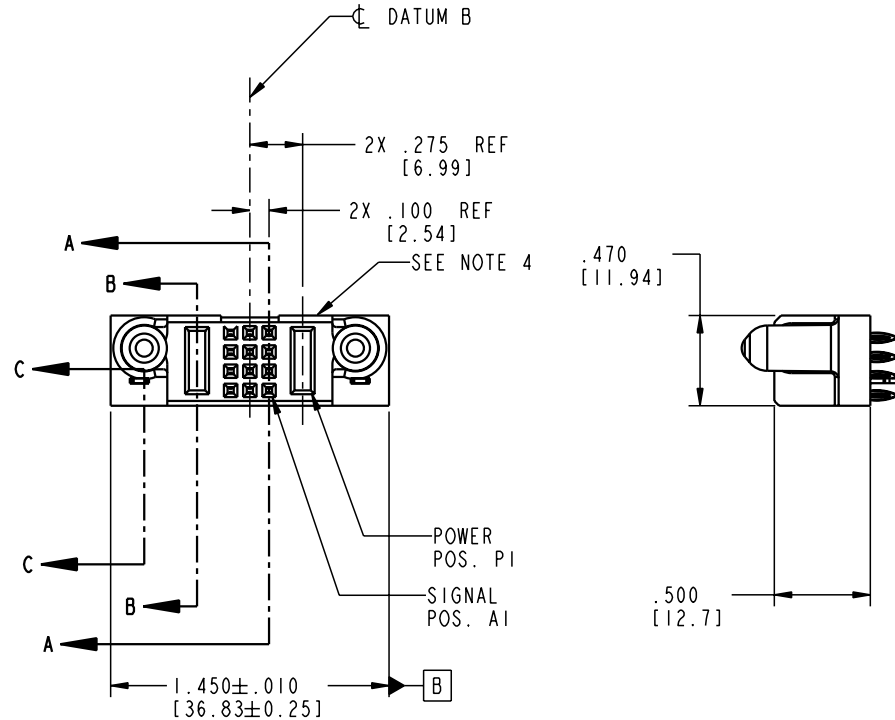
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A

FCI

B

PRODUCT NO.	ROWS	1 2						
		E2	P2	3	2	1	P1	E1
51740-10101201CA	D C B A		PC	F F F F F F F F			PC	



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
F	N/A	[N/A]	SIGNAL
PC	.042	[1.07]	POWER
HA	N/A	[N/A]	HOLD-DOWN

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 							
A	V04-0093		DAI	01/05/04			.XXX±.005/0.XX±0.13															
							.XXX±.0020/0.XXX±0.051															
							0°±2°															
						angles									title IP + 12S + IP VERTICAL PRESS FIT RECEPT							
						dr	D. INGRAM		02/05/04		INCH/MM 		product family						PwrBlade		code	
						enrg	M. GRAY		02/05/04				size						dwg no		213	
						chr	M. GRAY		02/05/04				scale						A		51740-10101201CA	
						appd	M. GRAY		02/05/04										1 of 4			
sheet index		revision sheet		A	A	A	A	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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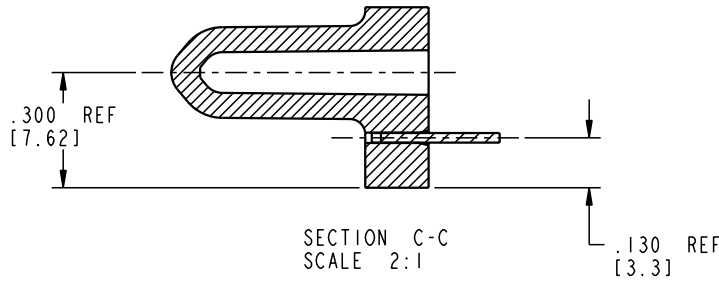
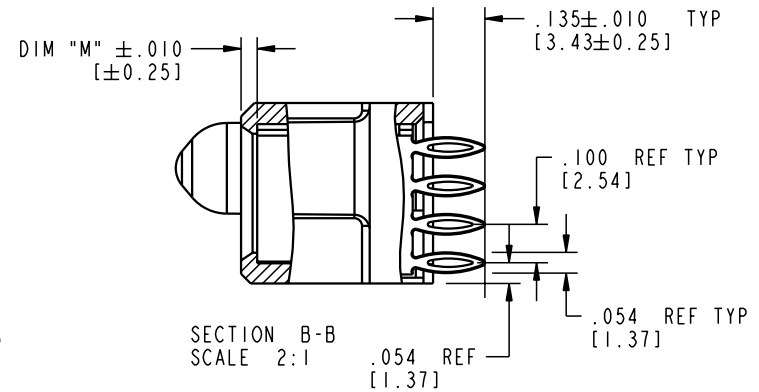
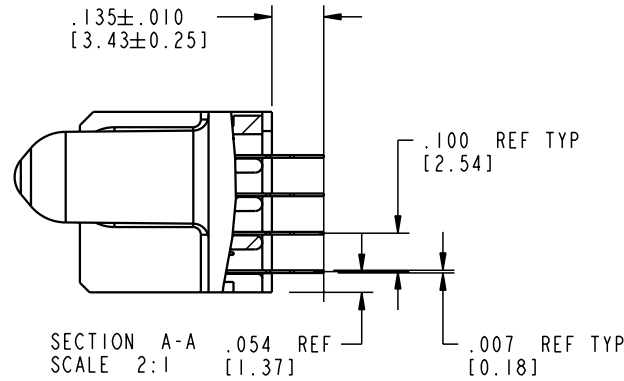
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B

PRODUCT NUMBER
51740-10101201CA



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$		COPY		title		
A					$.XXX \pm .005/0.XX \pm 0.13$		projection		IP + 12S + IP		
					$.XXXX \pm .0020/0.XXX \pm 0.051$				VERTICAL PRESS FIT RECEIPT		
				angles	$0^\circ \pm 2^\circ$		INCH/MM		product family		code
				dr	D. INGRAM	02/05/04	scale		PwrBlade		213
				enr	M. GRAY	02/05/04	1:1		size		sheet
				chr	M. GRAY	02/05/04			A 51740-10101201CA		2 of 4
				appd	M. GRAY	02/05/04					
sheet index		revision sheet									

Pro/E

3

cage code
22526

4

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PRODUCT NUMBER
51740-10101201CA

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	
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$		COPY		title IP + 12S + IP VERTICAL PRESS FIT RECEPT		
A					$.XXX \pm .005/0.XX \pm 0.13$		projection				
					$.XXXX \pm .0020/0.XXX \pm 0.051$						
				angles	$0^\circ \pm 2^\circ$				product family PwrBlade code 213		
				dr	D. INGRAM	02/05/04	INCH/MM				
				enr	M. GRAY	02/05/04	scale				
				chr	M. GRAY	02/05/04	1:1		size A 51740-10101201CA sheet 4 of 4		
				appd	M. GRAY	02/05/04					
sheet index		revision sheet									