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B

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
HA	N/A [N/A]	POWER-DOWN



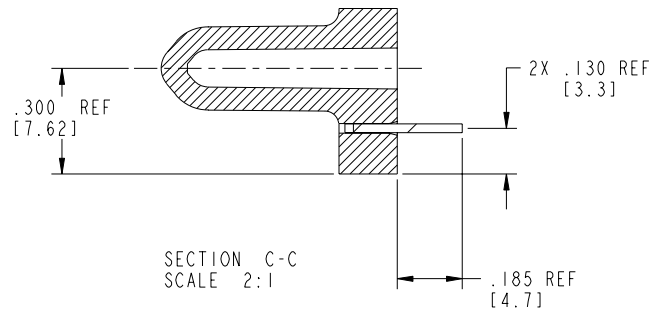
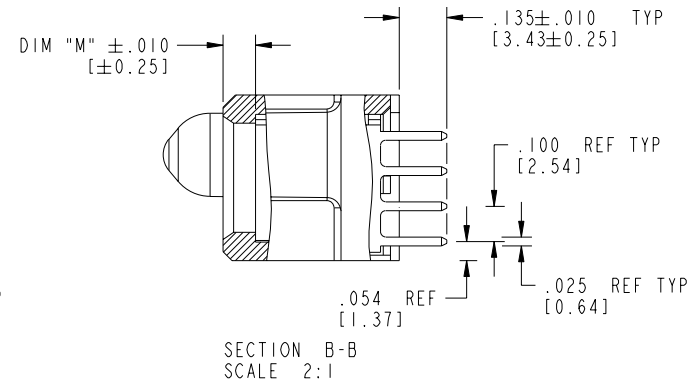
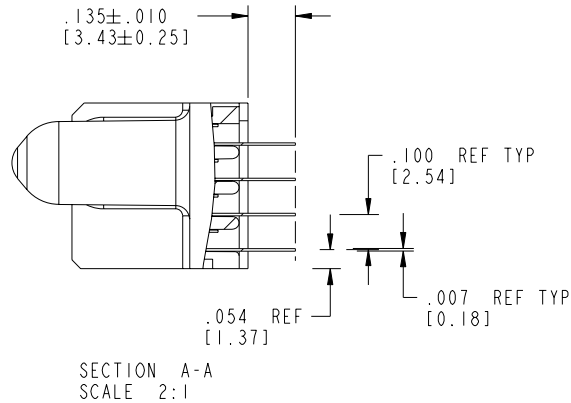
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A
FCI

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PRODUCT NUMBER

51940-074_-
NOTE: 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection	M. GRAY	02/03/04	INCH/MM	scale	1:1	product family	PwrBlade
B													
				angles	.XXX±.005/0.XX±0.13	0°±2°	M. GRAY	02/03/04	A	size	51940-074	code	213
				dr	T. BRUNGARD	02/03/04	M. GRAY	02/03/04				sheet	2 of 4
				enr	M. GRAY	02/03/04	M. GRAY	02/03/04					
				chr	M. GRAY	02/03/04	M. GRAY	02/03/04					
				appd	M. GRAY	02/03/04	M. GRAY	02/03/04					
sheet index	revision	sheet											

cage code 22526

Pro/E

PDM: Rev:B

STATUS:Released

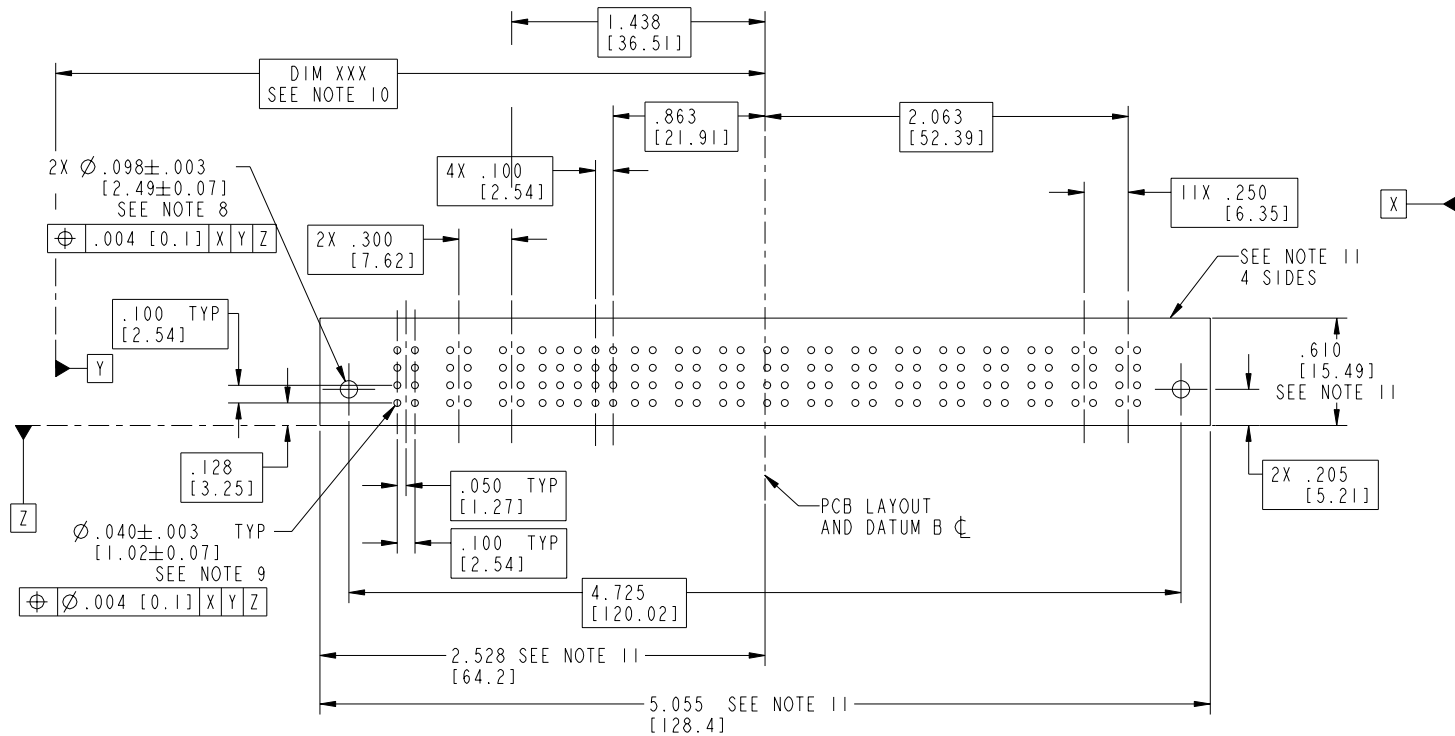
Printed: Dec 20, 2010

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PRODUCT NUMBER
51940-074_-
NOTE: 3



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		title	
B				linear		.XXX±.005/0.XX±0.13		projection		12P + 20S + 3ACP	
				angles		XXXX±.0020/0.XXX±0.051		INCH/MM		VERTICAL SOLDER RECEPT	
				dr		T. BRUNGARD 02/03/04		scale		product family	
				enr		M. GRAY 02/03/04		1:1		PwrBlade	
				chr		M. GRAY 02/03/04				code	
				appd		M. GRAY 02/03/04				213	
sheet index		revision sheet								sheet	
										3 of 4	
										cage code	
										22526	
										4	

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Δ **ΕΙ**

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51940-074--
NOTE:3

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:
51940-074 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.

51940-074LF 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 551940-074LF 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.

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		linear $.XX \pm .01/0.X \pm 0.3$ $.XXX \pm .005/0.XX \pm 0.13$ $.XXX \pm .0020/0.XXX \pm 0.051$ angles $0^\circ \pm 2^\circ$		dr T. BRUNGARD 02/03/04		engr M. GRAY 02/03/04		chr M. GRAY 02/03/04		appd M. GRAY 02/03/04		projection INCH/MM scale 1:1		title 12P + 20S + 3ACP VERTICAL SOLDER RECEPT			
8														product family PwrBlade		code 213							
														size A		dwg no 51940-074							
																sheet 4 of							
sheet index		revision sheet																					
Pro/E								3				cage code 22526				4							

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