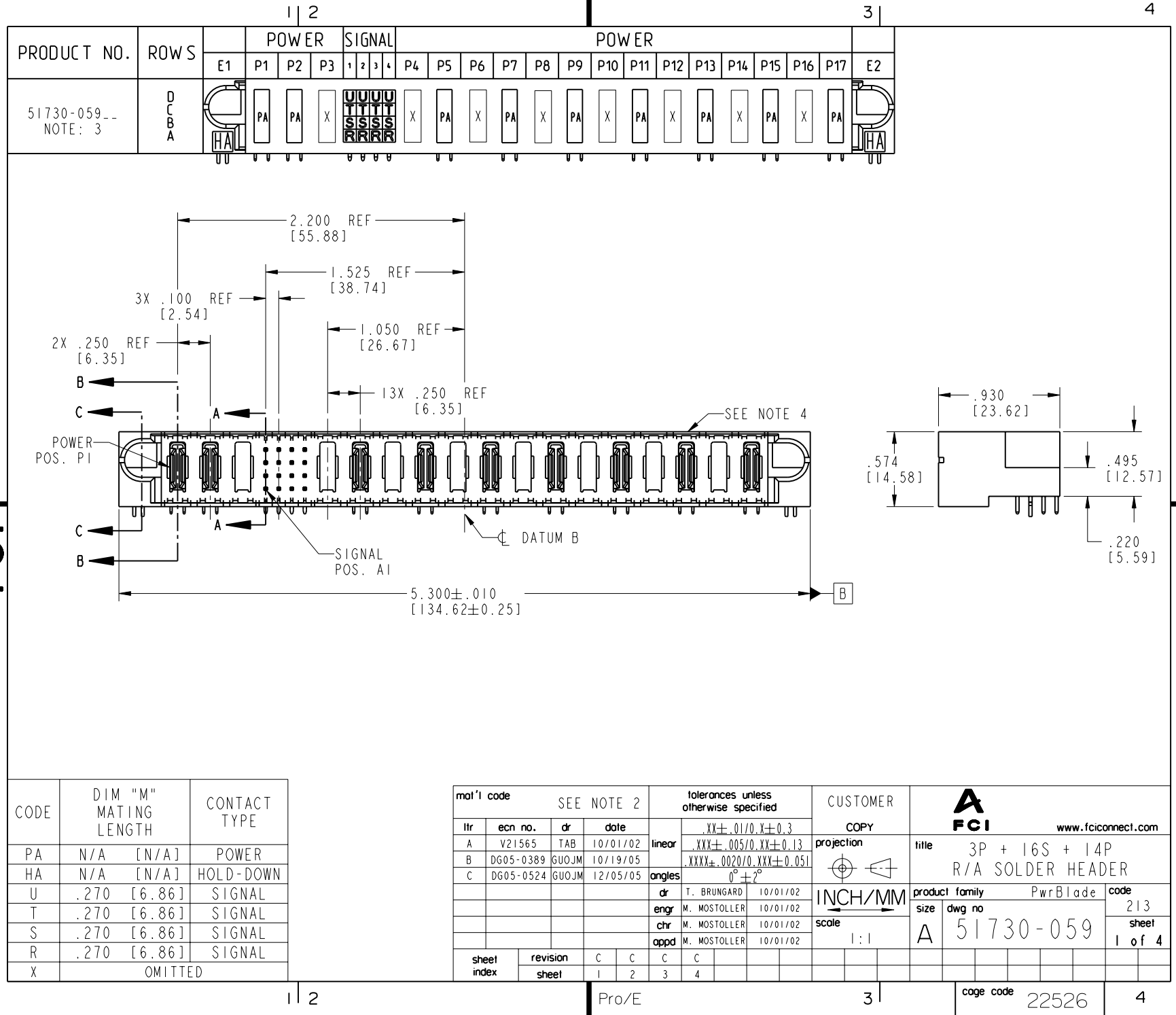


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FCI

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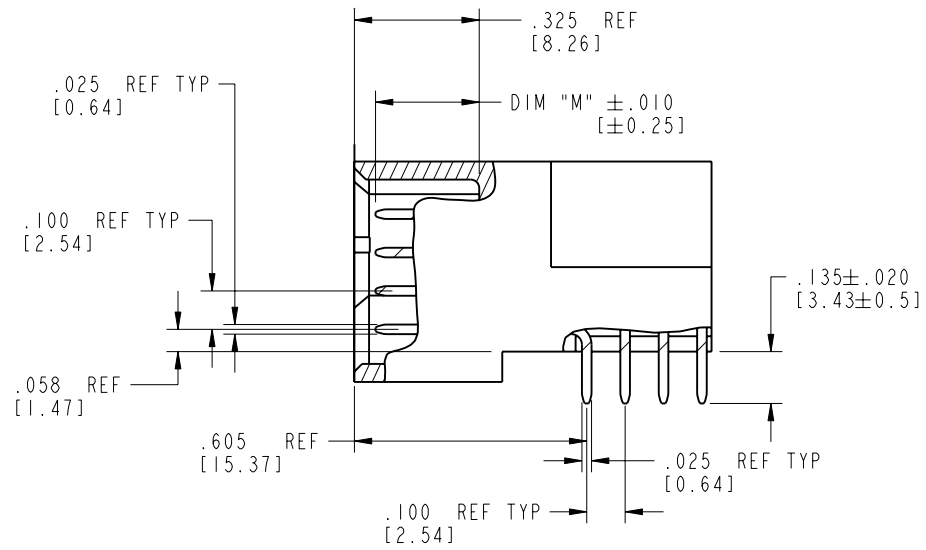


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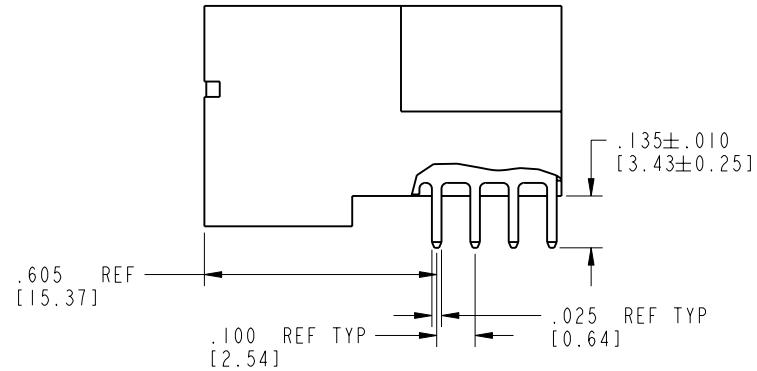
FCI

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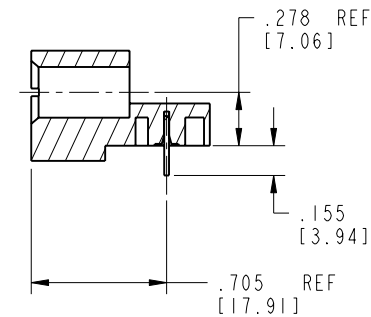
PRODUCT NUMBER
51730-059--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
C				linear	.XXX±.005/0.XX±0.13	projection		title	3P + 16S + 14P
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER HEADER	
				dr	T. BRUNGARD 10/01/02	INCH/MM		product family	PwrBlade
				enrg	M. MOSTOLLER 10/01/02	scale	1:1	size	dwg no
				chr	M. MOSTOLLER 10/01/02			A	51730-059
				appd	M. MOSTOLLER 10/01/02				
sheet index	revision sheet								

cage code 22526

Pro/E

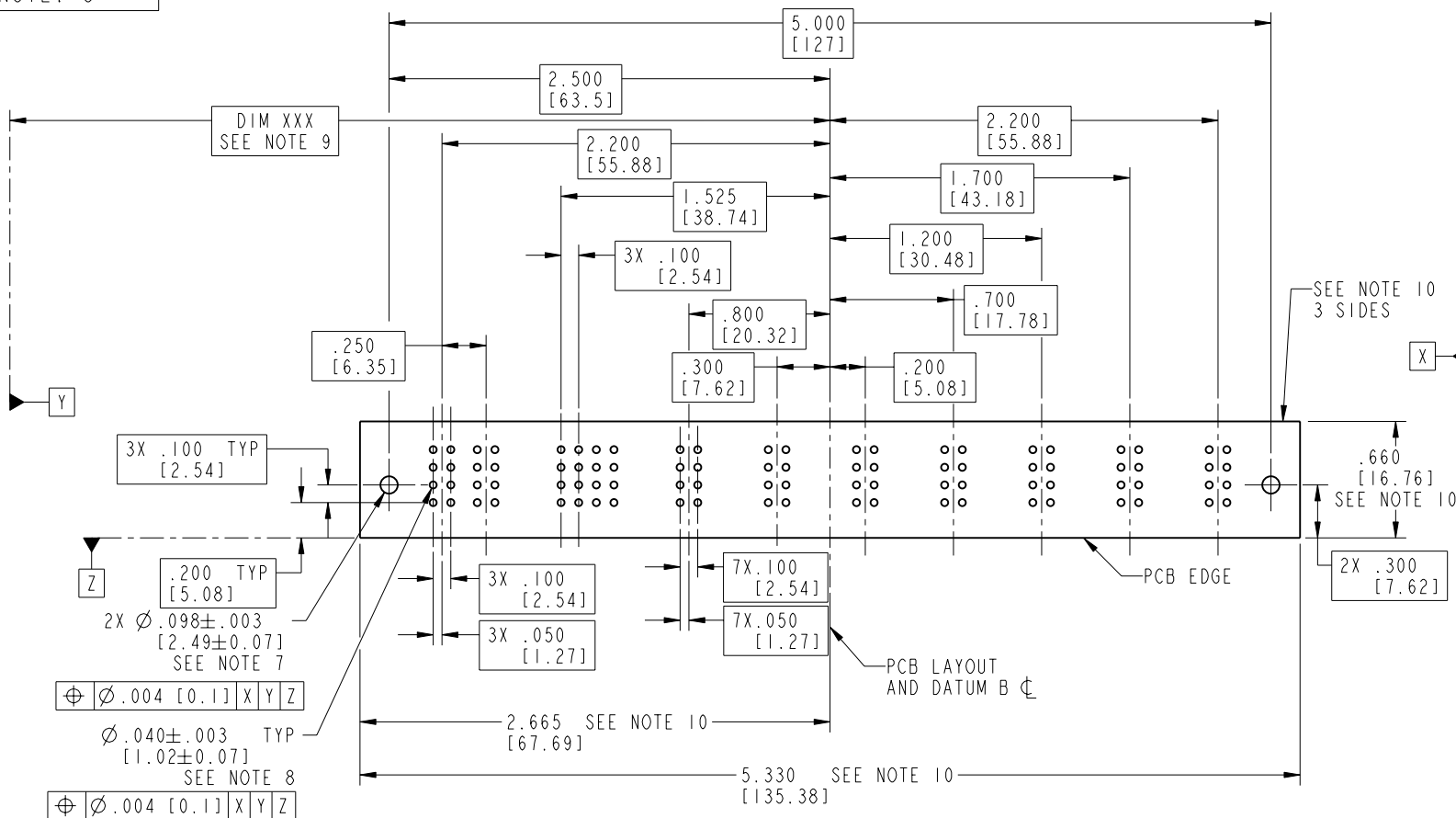
PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51730-059__
NOTE: 3



RECOMMENDED PCB LAYOUT

[illegible]

coge code	22526
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PRODUCT NUMBER
51730-059--
NOTE: 3

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:
51730-059 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.
51730-059LF 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 51730-059LF MEETS EUROPEAN UNION DIRECTIVE AND 10THER 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.

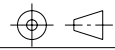
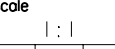
PCB NOTES:

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	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
C					.XXX±.005/0.XX±0.13		projection			3P + 16S + 14P	
					.XXX±.0020/0.XXX±0.051					R/A SOLDER HEADER	
				angles	0° ± 2°		INCH/MM			product family	PwrBlade
				dr	T. BRUNGARD	10/01/02	scale			size	dwg no
				enqr	M. MOSTOLLER	10/01/02	1:1			A	51730-059
				chr	M. MOSTOLLER	10/01/02					
				appd	M. MOSTOLLER	10/01/02					
sheet index		revision sheet									

coge code 22526