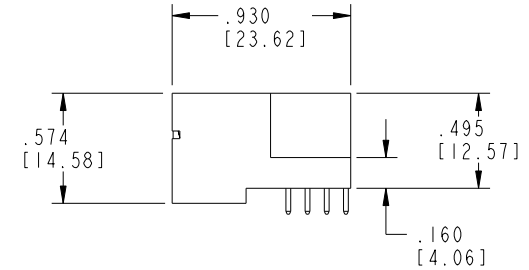
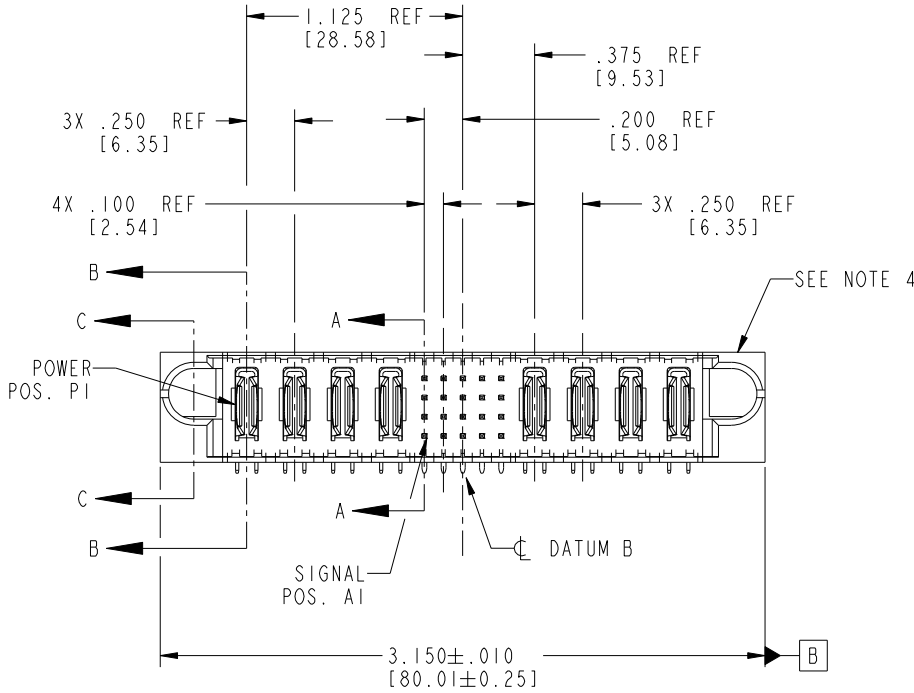
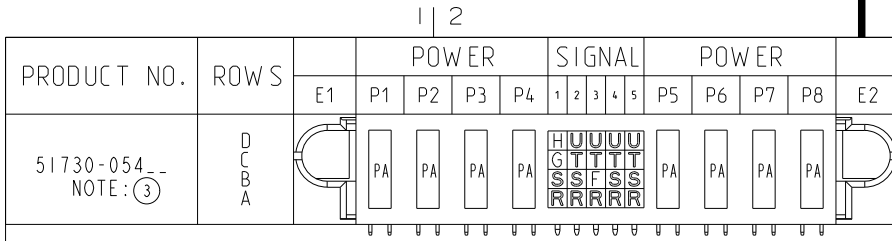


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title		
A	V21165	TAB	07/16/02		.XXX±.005/0.XX±0.13		projection		4P + 20S + 4P		
B	DG05-0243	SJ	07/26/05	angles	.XXX±.0020/0.XXX±0.051				R/A SOLDER HEADER		
C	DG05-0560	CS	12/26/05		0° ± 2°		INCH/MM		product family		code
D	DG08-0272	WD	09/27/08	dr	T. BRUNGARD	07/16/02	scale		PwrBlade		213
				engr	M. MOSTOLLER	07/16/02	1:1		size		sheet
				chr	M. MOSTOLLER	07/16/02			dwg no		1 of 4
				appd	M. MOSTOLLER	07/16/02			A 51730-054		
sheet index	revision sheet	D	D	D	D	D					
		1	2	3	4						

A

B

3

4

A

B

1 | 2

Pro/E

PDM: Rev: D

STATUS: Released

Printed: Dec 20, 2010

cage code 28536

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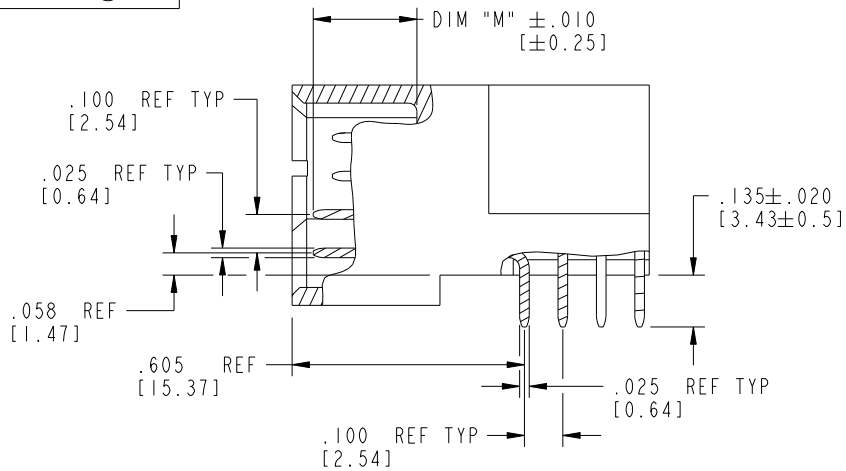
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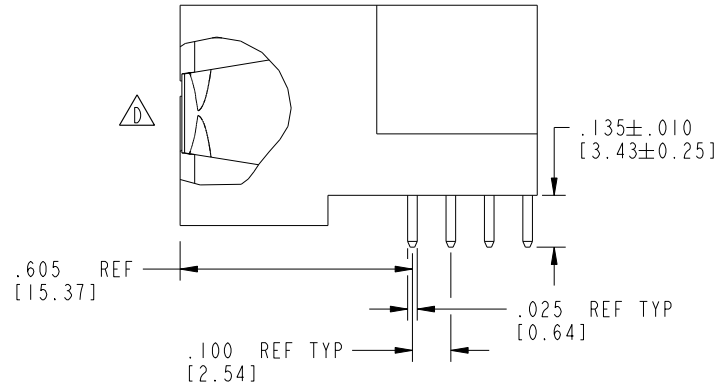
PRODUCT NUMBER

51730-054--

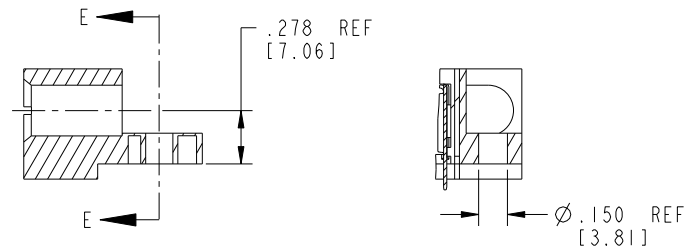
NOTE: ③



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



PARTIAL SECTION E-E

SECTION C-C

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
D					.XX±.005/0.XX±0.13	projection		4P + 20S + 4P	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER HEADER	
					0°±2°	INCH/MM		product family	
				dr	T. BRUNGARD 07/16/02	scale		PwrBlade	
				enrg	M. MOSTOLLER 07/16/02	1:1		code	
				chr	M. MOSTOLLER 07/16/02			213	
				appd	M. MOSTOLLER 07/16/02			sheet	
sheet index		revision sheet						A 51730-054	
								2 of 4	

cage code 22516

STATUS: Released

Printed: Dec 20, 2010

Pro/E

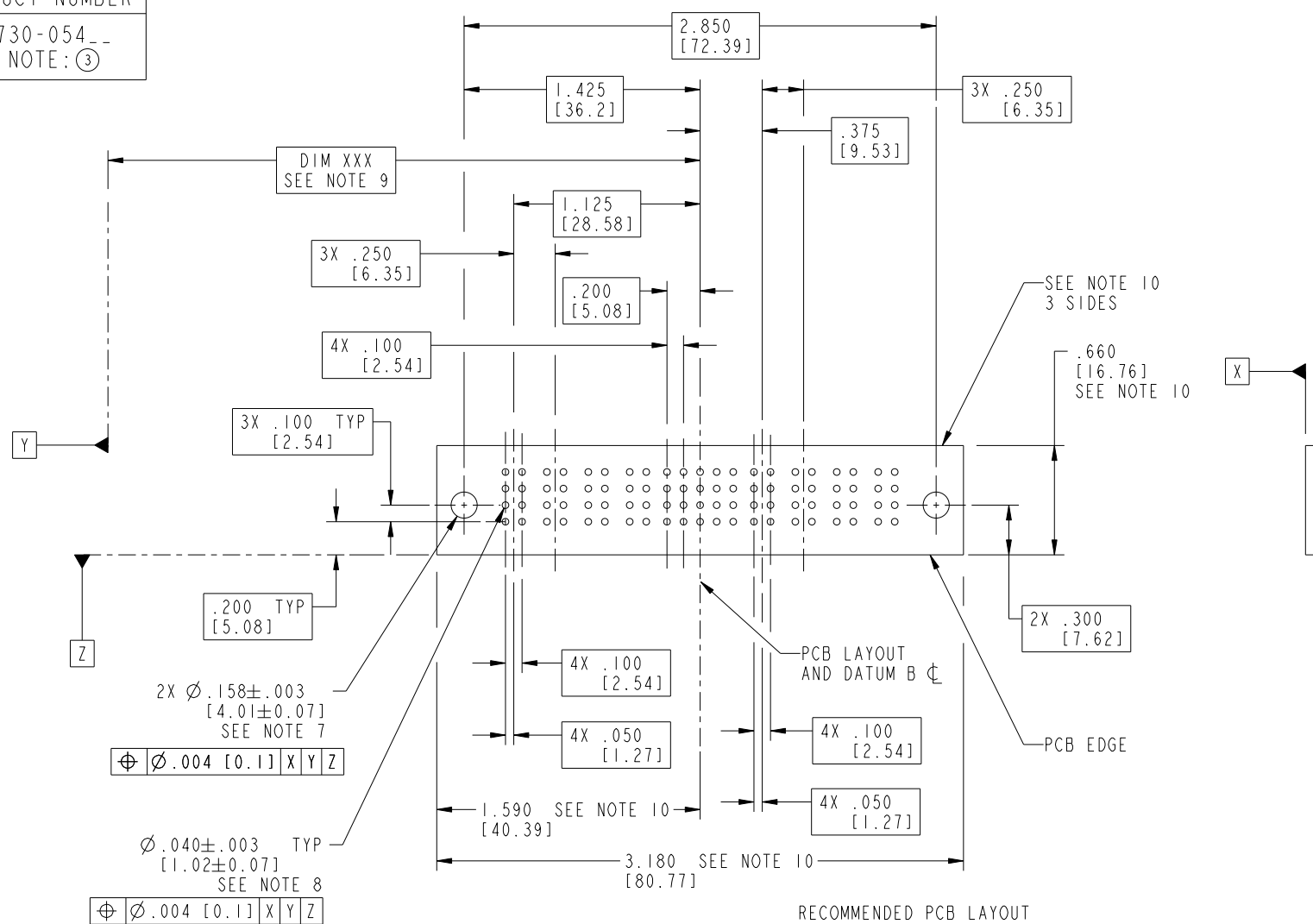
PDM: Rev: D

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PRODUCT NUMBER  
51730-054--  
NOTE: ③



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
C					.XXY±.005/0.XX±0.13	projection		4P + 20S + 4P	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER HEADER	
				dr	0°±2°	INCH/MM		product family	
				enrg	T.BRUNGARD 07/16/02	scale		PwrBlade	
				chr	M.MOSTOLLER 07/16/02	1:1		code	
				appd	M.MOSTOLLER 07/16/02	A		213	
sheet index		revision sheet		size		dwg no		sheet	
				A		51730-054		3 of 4	

cage code 28516

Pro/E

PDM: Rev: D

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER  
 51730-054--  
 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-054 AND 51730-054LF RESPECTIVELY.
  - 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.
  - 11. ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
D					.XXY±.005/0.XX±0.13	⊕		⊕		4P + 20S + 4P	
				angles	.XXX±.002/0.XXX±0.051	INCH/MM		product family		code	
				dr	0° ± 2°	1:1		PwrBlade		213	
				engr	T.BRUNGARD 07/16/02			size		sheet	
				chr	M.MOSTOLLER 07/16/02			A		4 of 4	
				appd	M.MOSTOLLER 07/16/02			51730-054			
sheet index	revision sheet										

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