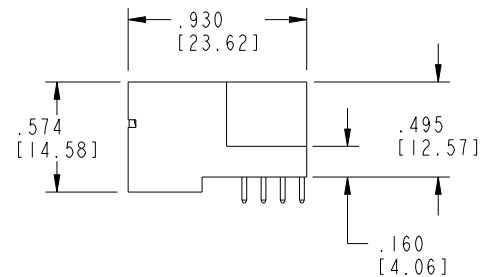
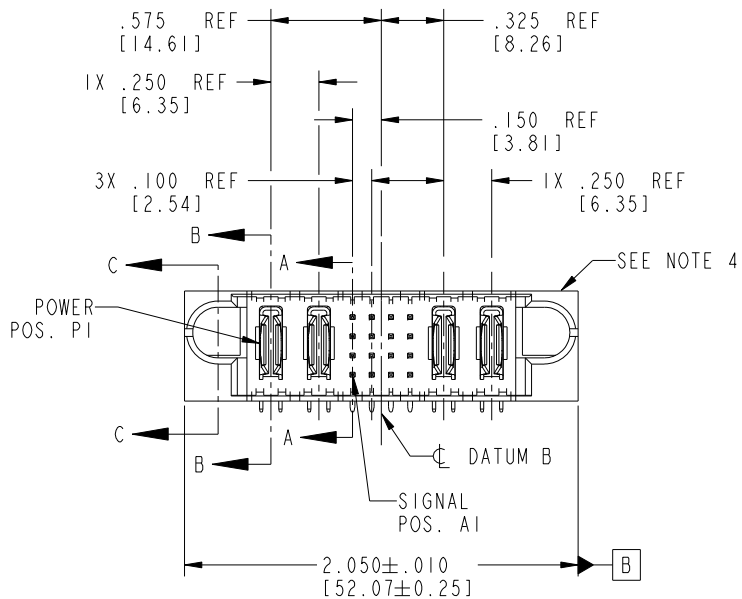
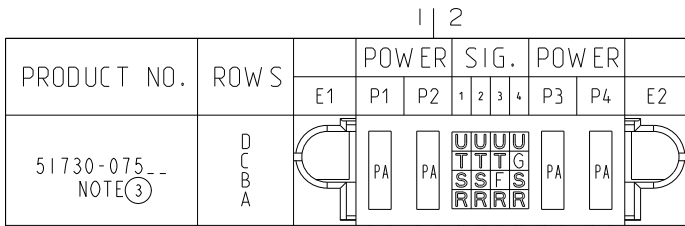


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				tolerances unless otherwise specified		CUSTOMER	
SEE NOTE 2				.XX±.01/0.X±0.3		FCI COPY	
ltr	ecn no.	dr	date	linear	.XXX±.005/0.XX±0.13	www.fciconnect.com	
A	V03-0296	TAB	03/13/03	angles	.XXX±.002/0.XXX±0.051	title 2P + 16S + 2P	
B	DG05-0017	SW	01/26/05		0°±2°	RIGHT ANGLE SOLDER HEADER	
C	DG05-0560	CS	12/26/05			product family PwrBlade code 213	
D	DG08-0272	WD	09/27/08	dr	T. BRUNGARD 03/13/03	size dwg no 51730-075 sheet 1 of 4	
				enrg	M. MOSTOLLER 03/13/03		
				chr	M. MOSTOLLER 03/13/03		
				appd	M. MOSTOLLER 03/13/03		
sheet index	revision sheet	D 1	D 2	D 3	D 4		

A

A

B

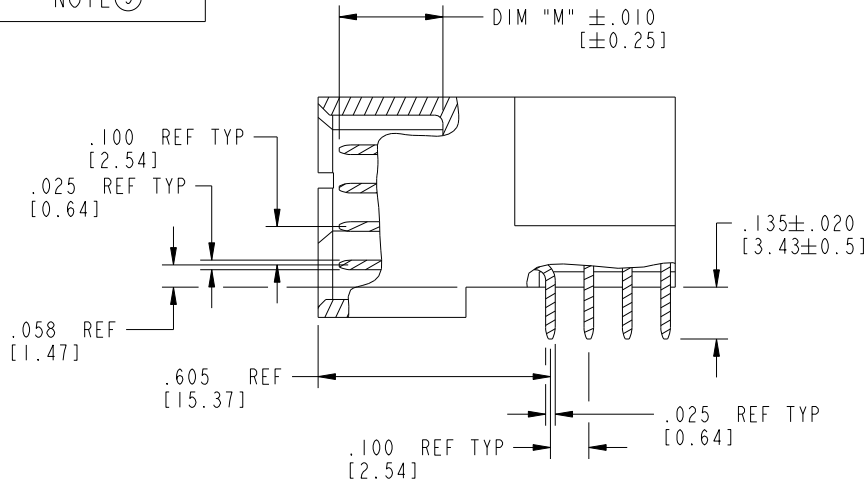
B

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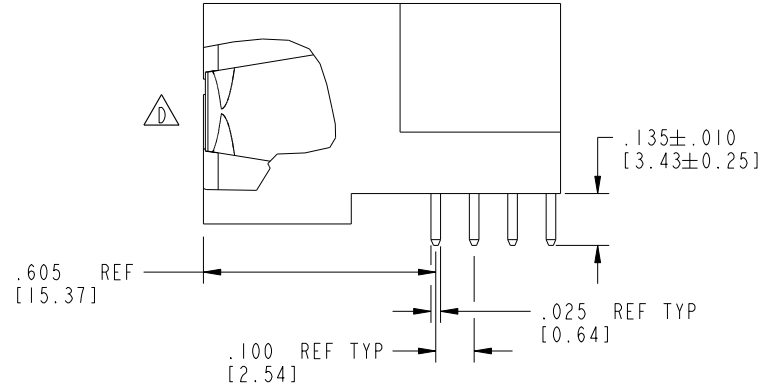
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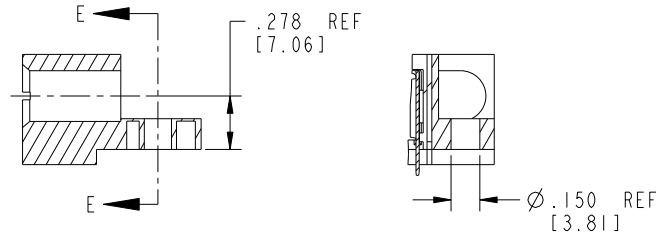
PRODUCT NUMBER
51730-075--
NOTE ③



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

PARTIAL SECTION E-E

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				projection	.XXY±.005/0.XX±0.13			2P + 16S + 2P	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°	INCH/MM		product family	
				engr	T. BRUNGARD 03/13/03	1:1		PwrBlade	
				chr	M. MOSTOLLER 03/13/03			code	
				appd	M. MOSTOLLER 03/13/03			213	
sheet index		revision sheet						size	
								dwg no	
								A 51730-075	
								sheet	
								2 of 4	

cage code 22516

Pro/E

PDM: Rev: D

STATUS: Released

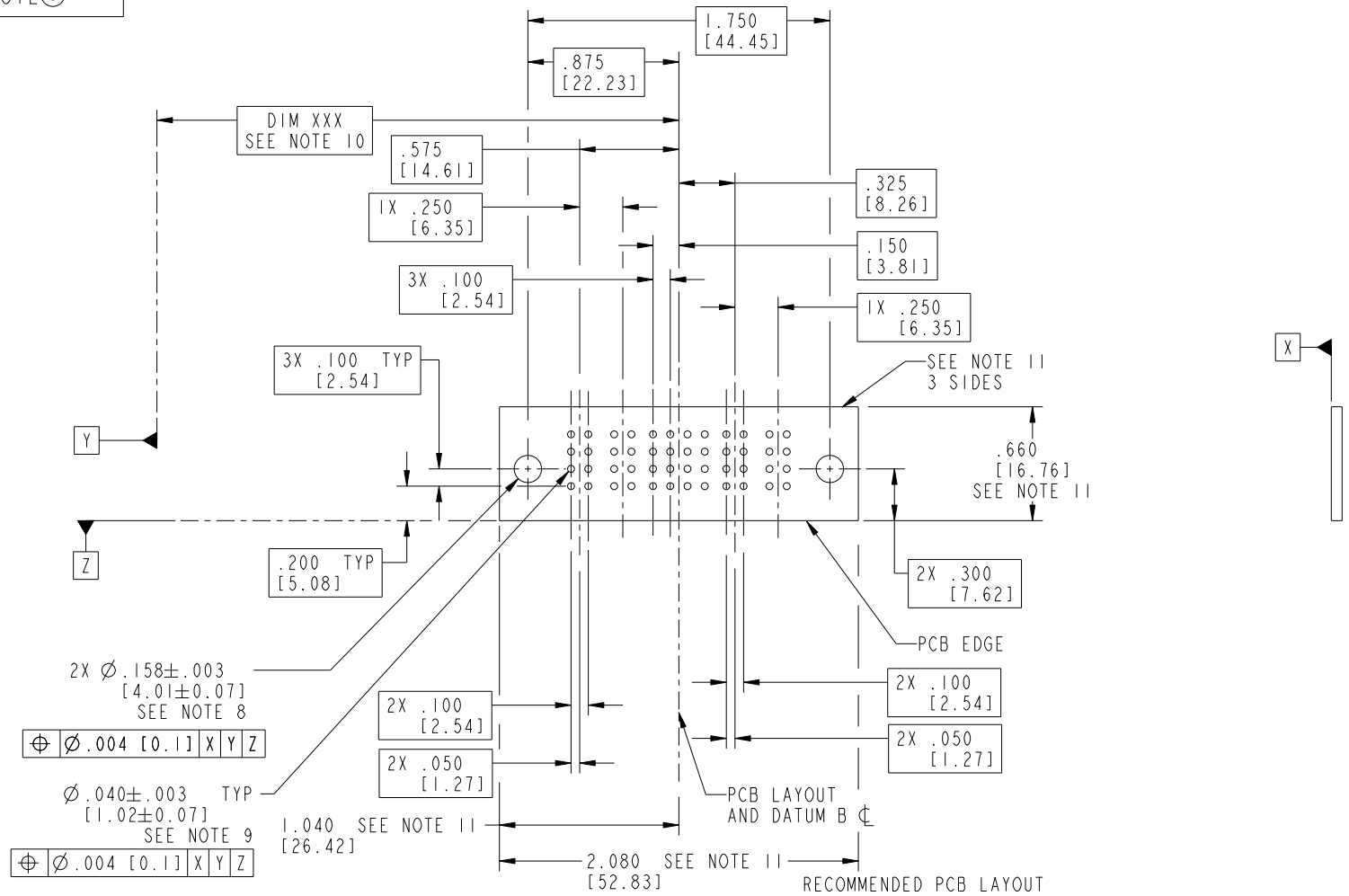
Printed: Dec 20, 2010

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PRODUCT NUMBER
51730-075--
NOTE ③



2X $\varnothing .158 \pm .003$
[4.01±0.07]
SEE NOTE 8

$\varnothing .040 \pm .003$ TYP
[1.02±0.07]
SEE NOTE 9

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

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				angles	.XXX±.005/0.XX±0.13	projection		title 2P + 16S + 2P	
					.XXX±.0020/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER	
				dr	$0^\circ \pm 2^\circ$	scale		product family PwrBlade code 213	
				enrg	T. BRUNGARD 03/13/03	1:1		size dwg no 51730-075 sheet 3 of 4	
				chr	M. MOSTOLLER 03/13/03				
				appd	M. MOSTOLLER 03/13/03				
sheet index	revision sheet								

cage code 22536

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

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1 | 2

3

4

PRODUCT NUMBER
51730-075--
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 51730-075 AND 51730-075LF 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.

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 ± 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 ± .07] HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

12. △ 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		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				projection	.XXX±.005/0.XX±0.13			title 2P + 16S + 2P	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	0° ± 2°			product family PwrBlade code	
				engr	T. BRUNGARD 03/13/03			size 213	
				chr	M. MOSTOLLER 03/13/03			sheet	
				appd	M. MOSTOLLER 03/13/03	scale 1:1		4 of 4	
sheet index		revision sheet				A		51730-075	

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

A

A

B

B

cage code 22526

4