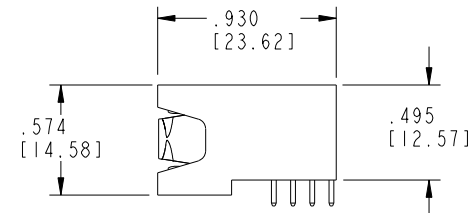
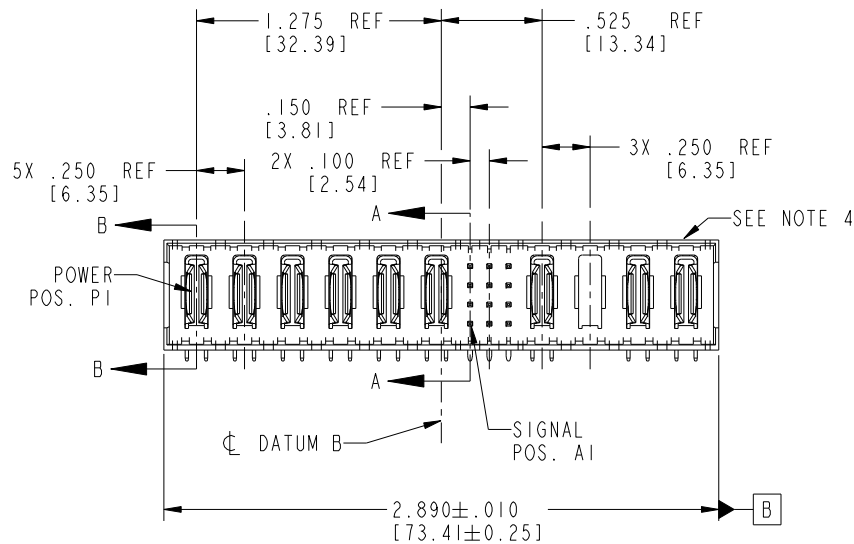


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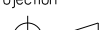
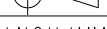


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PRODUCT NO.	ROWS	POWER						SIG			POWER			
		P1	P2	P3	P4	P5	P6	1	2	3	P7	P8	P9	P10
51734-001-- NOTE: ③	D C B A	PA	PA	PA	PA	PA	PA	UU TT SS RR			PA	X	PA	PA



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
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
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$				COPY			title 6P + 12S + 4P RIGHT ANGLE SOLDER HEADER					
A	V02908	EKK	12-14-00		$.XXX \pm .005/0.XX \pm 0.13$				projection								
B	V20771	JWS	04-19-02		$.XXXX \pm .0020/0.XXX \pm 0.051$												
C	DG05-0192	SJ	06/27/05	angles	$0^\circ \pm 2^\circ$												
D	DG05-0558	GuoJM	12/20/05	dr	J. SHAFFER	04-19-02			INCH/MM		product family		PwrBlade		code		
E	DG08-0272	W D	27/09/08	enrg	M. MOSTOLLER	04-19-02			scale 1:1		size	dwg no		213			
				chr	M. MOSTOLLER	04-19-02					A	51734-001		sheet 1 of 4			
				appd	M. MOSTOLLER	04-19-02											
sheet index		revision sheet		E	E	E	E										
				1	2	3	4										

Pro/E

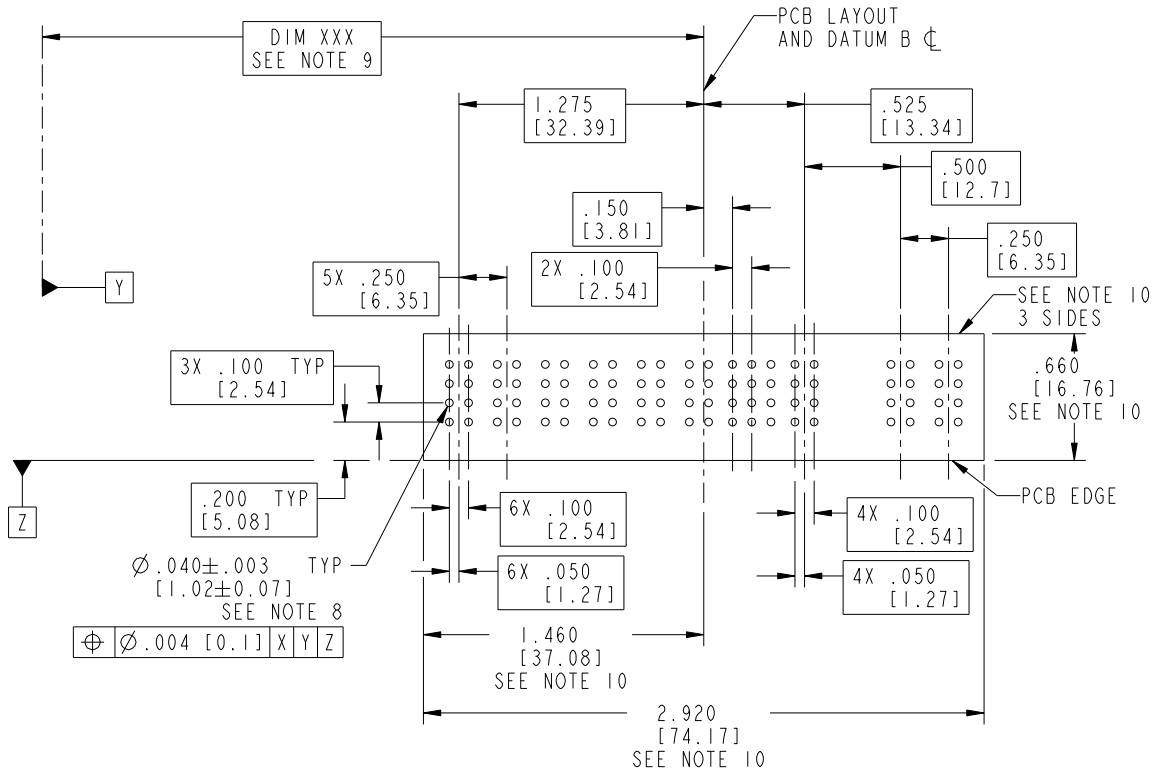
PDM: Rev: E

STAT: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51734-001--
NOTE: ③



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	INCH/MM	COPY			
E				angles	.XXX±.005/0.XX±0.13	INCH/MM	1:1	title			
				dr	.XXXX±.0020/0.XXX±0.051	scale	1:1	6P + 12S + 4P			
				enrg	0°±2°			RIGHT ANGLE SOLDER HEADER			
				chr	J. SHAFFER 04-19-02			product family			
				appd	M. MOSTOLLER 04-19-02			PwrBlade			
					M. MOSTOLLER 04-19-02			size			
					M. MOSTOLLER 04-19-02			dwg no			
					M. MOSTOLLER 04-19-02			A 51734-001			
sheet index	revision	sheet						code			
								213			
								sheet			
								3 of 4			



www.fciconnect.com

title 6P + 12S + 4P
RIGHT ANGLE SOLDER HEADER

product family PwrBlade
size dwg no
A 51734-001

code 213
sheet 3 of 4

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010



1 | 2

3 |

4

PRODUCT NUMBER
51734-001--
NOTE: ③

NOTES:

- DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- 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 51734-001 AND 51734-001LF RESPECTIVELY.

- MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
- PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

PCB NOTES:

- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- $\varnothing .0453 \pm 0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH 0.0003 [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.
- "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- CONNECTOR KEEP-OUT ZONE.
- A ⚠ 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				www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX $\pm$.01 / 0.X $\pm$ 0.3			COPY								title 6P + 12S + 4P RIGHT ANGLE SOLDER HEADER							
E					.XXX $\pm$.005 / 0.XX $\pm$ 0.13			projection															
				angles	.XXXX $\pm$.0020 / 0.XXX $\pm$ 0.051			INCH/MM				product family PwrBlade				code 213							
					0° $\pm$ 2°			scale 1:1				size A				sheet 4 of 4							
				dr	J. SHAFFER	04-19-02																	
				engr	M. MOSTOLLER	04-19-02																	
				chr	M. MOSTOLLER	04-19-02																	
				appd	M. MOSTOLLER	04-19-02																	
sheet index		revision sheet																					

1 | 2

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

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