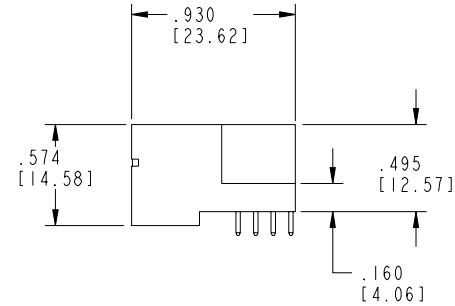
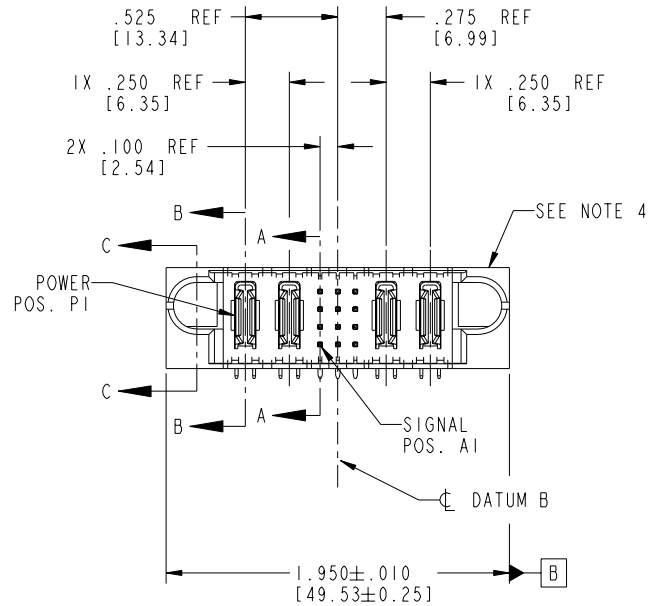


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PRODUCT NO.	ROWS										
		E1	P1	P2	1	2	3	P3	P4	E2	
51730-061-- NOTE:3	D C B A		PA	PA	UUU TTT SSS ERR			PA	PA		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.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		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		projection	
A	V21724	CGD	10/30/02			.XXX±.005/0.XX±0.13					
B	DG05-0560	CS	12/20/05			.XXX±.0020/0.XXX±0.051					
				angles		0°±2°					
				dr	C. DAILY	10/30/02					
				enr	J. ALLISON	10/30/02					
				chr	J. ALLISON	10/30/02					
				appd	J. ALLISON	10/30/02					
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

PDM: Rev:B

STATUS:Released

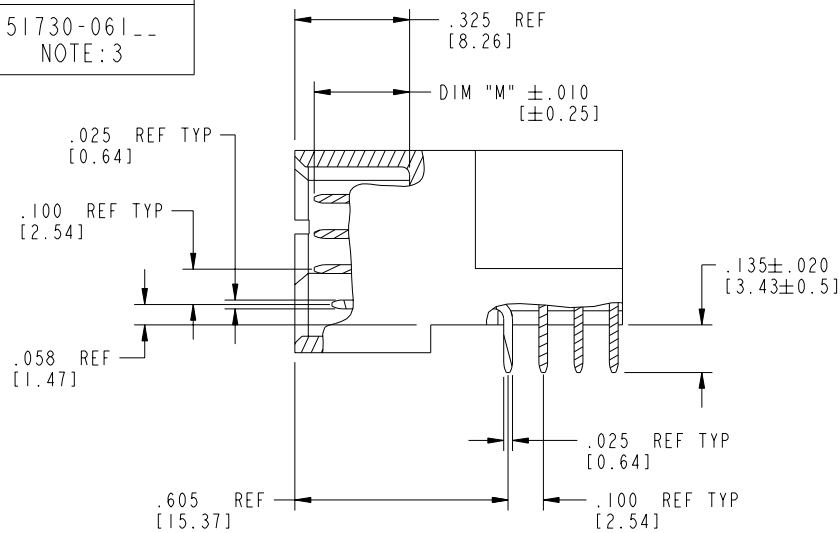
Printed: Dec 20, 2010

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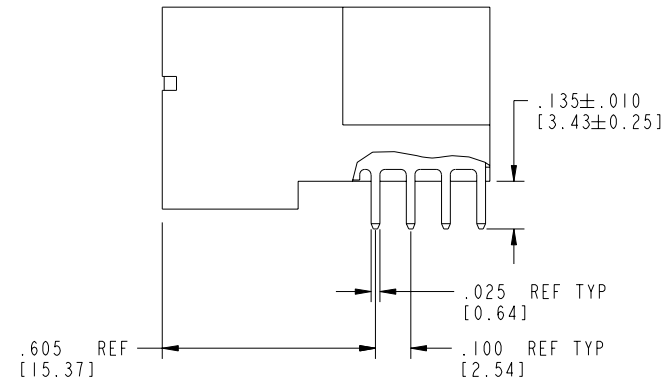
A
FCI

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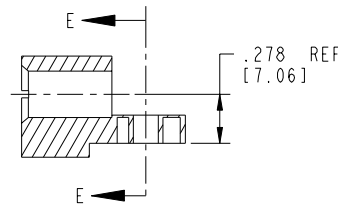
PRODUCT NUMBER
51730-061--
NOTE: 3



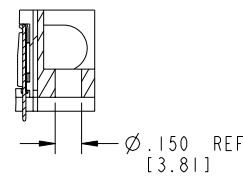
BROKEN-OUT SECTION A-A
SCALE 2:1



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		A FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title		2P + 12S + 2P	
B				linear	.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER			
				angles	.XXXX±.0020/0.XXX±0.051	INCH/MM		product family		PwrBlade	
				dr	C. DAILY 10/30/02	scale		size		dwg no	
				enr	J. ALLISON 10/30/02	1:1		A		51730-061	
				chr	J. ALLISON 10/30/02					code	
				appd	J. ALLISON 10/30/02					213	
sheet index	revision sheet									sheet	2 of 4

cage code 22526

Pro/E

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B



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PRODUCT NUMBER

51730-061 _ _
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:

51730-061 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.

51730-061LF 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 51730-061LF 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.

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			
ltr		ecn no.		dr		date		linear		.XX+ .01/0.X+0.3		projection		COPY		title		2P + 12S + 2P	
B										.XXX+ .005/0.XX+0.13						RIGHT ANGLE SOLDER HEADER			
								angles		0° ± 2°									
								dr		C. DAILY 10/30/02		INCH/MM		product family		PwrBlade		code	
								enrg		J. ALLISON 10/30/02		scale		size		dwg no		213	
								chr		J. ALLISON 10/30/02		1:1		A		51730-061		sheet	
								appd		J. ALLISON 10/30/02								4 of 4	
sheet index		revision																	
		sheet																	

B

1 | 2

Pro/E

3 |

cage code 22526

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