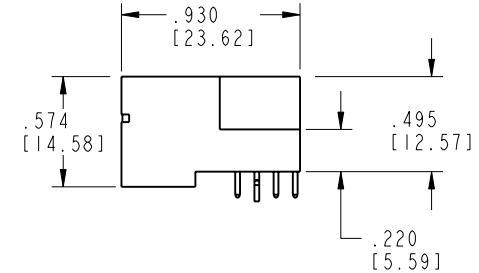
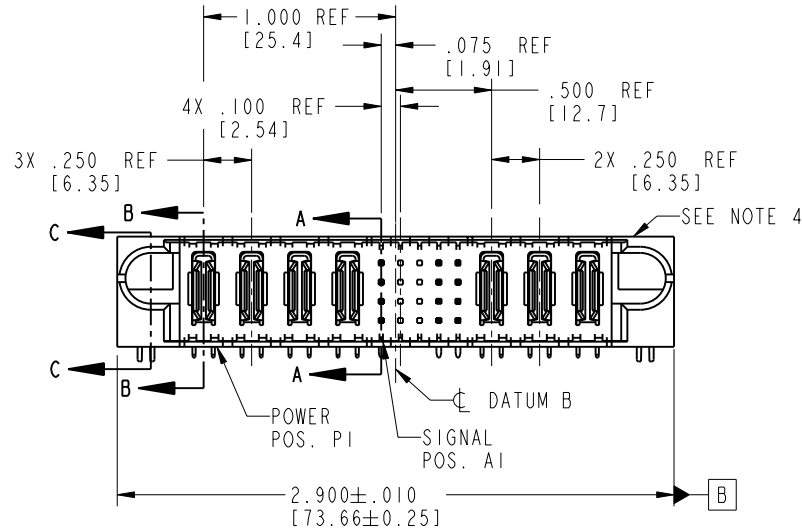


PRODUCT NO.	ROWS		POWER				SIGNAL				POWER				
		E1	P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	E2
51730-028-- NOTE: 3	D C B A	 	 	 	 	 	 	 	 	 	 	 	 	 	 



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PA	N/A	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN
H	.220	[5.59]	SIGNAL
G	.220	[5.59]	SIGNAL
F	.220	[5.59]	SIGNAL
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
X	OMITTED		OMITTED

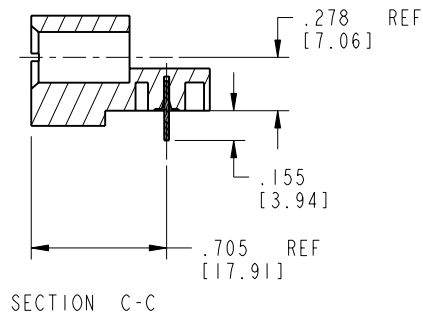
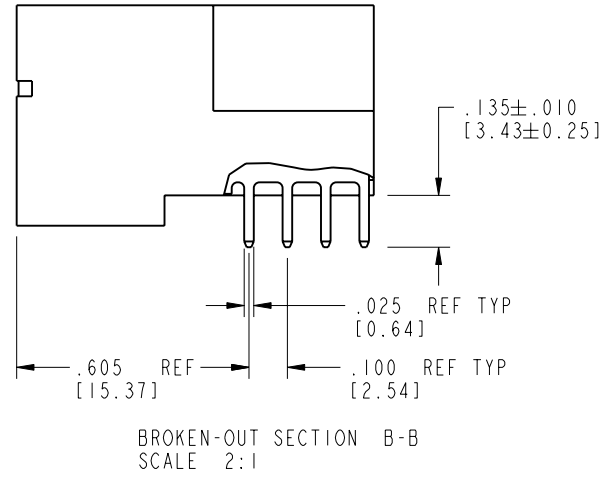
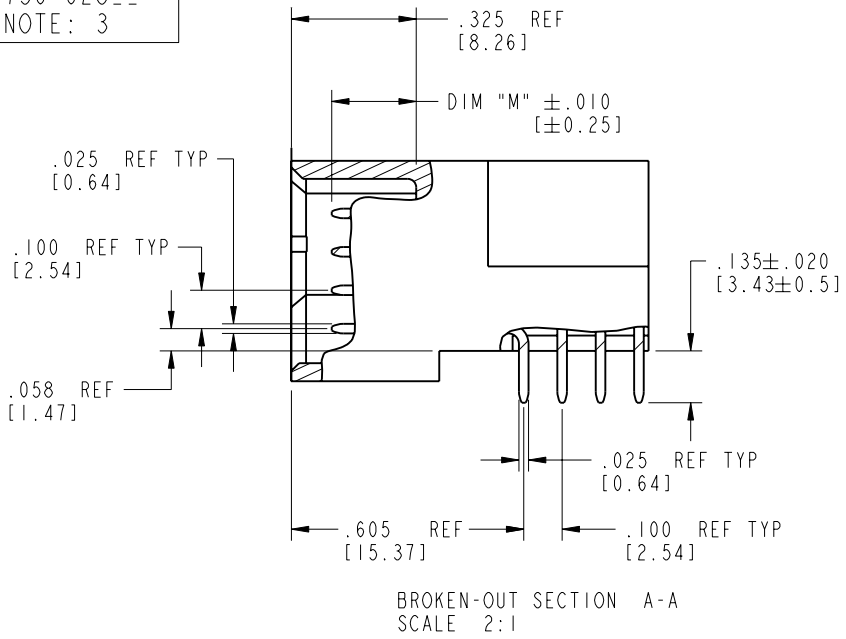
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com		
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title	4P + 20S + 3P				
A	V11569	JRW	5/22/01		.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEADER				
B	V12234	JRW	9/17/01		.XXXX±.0020/0.XXX±0.051									
C	V20494	JWS	03-13-02	angles	0°±2°		INCH/MM		product family	PwrBlade		code		
D	DG05-0389	GuoJM	10/14/05	dr	J. SHAFFER	03-13-02				size	dwg no	A	51730-028	213
E	DG05-0524	GuoJM	12/05/05	engr	M. MOSTOLLER	03-13-02								sheet
				chr	M. MOSTOLLER	03-13-02	1 of 4							
				appd	M. MOSTOLLER	03-13-02	scale	1:1						
sheet index	revision	E	E	E	E									
	sheet	1	2	3	4									

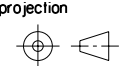
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PRODUCT NUMBER
51730-028--
NOTE: 3



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			title 4P + 20S + 3P RIGHT ANGLE SOLDER HEADER				
E					.XXX±.005/0.XX±0.13		projection							
					.XXX±.0020/0.XXX±0.051		INCH/MM							
				angles	0°±2°		scale		product family PwrBlade			code		
				dr	J. SHAFFER	03-13-02			size		dwg no		213	
				engr	M. MOSTOLLER	03-13-02			A		51730-028		sheet	
				chr	M. MOSTOLLER	03-13-02							2 of 4	
				appd	M. MOSTOLLER	03-13-02								
sheet index		revision sheet												

cage code 22526

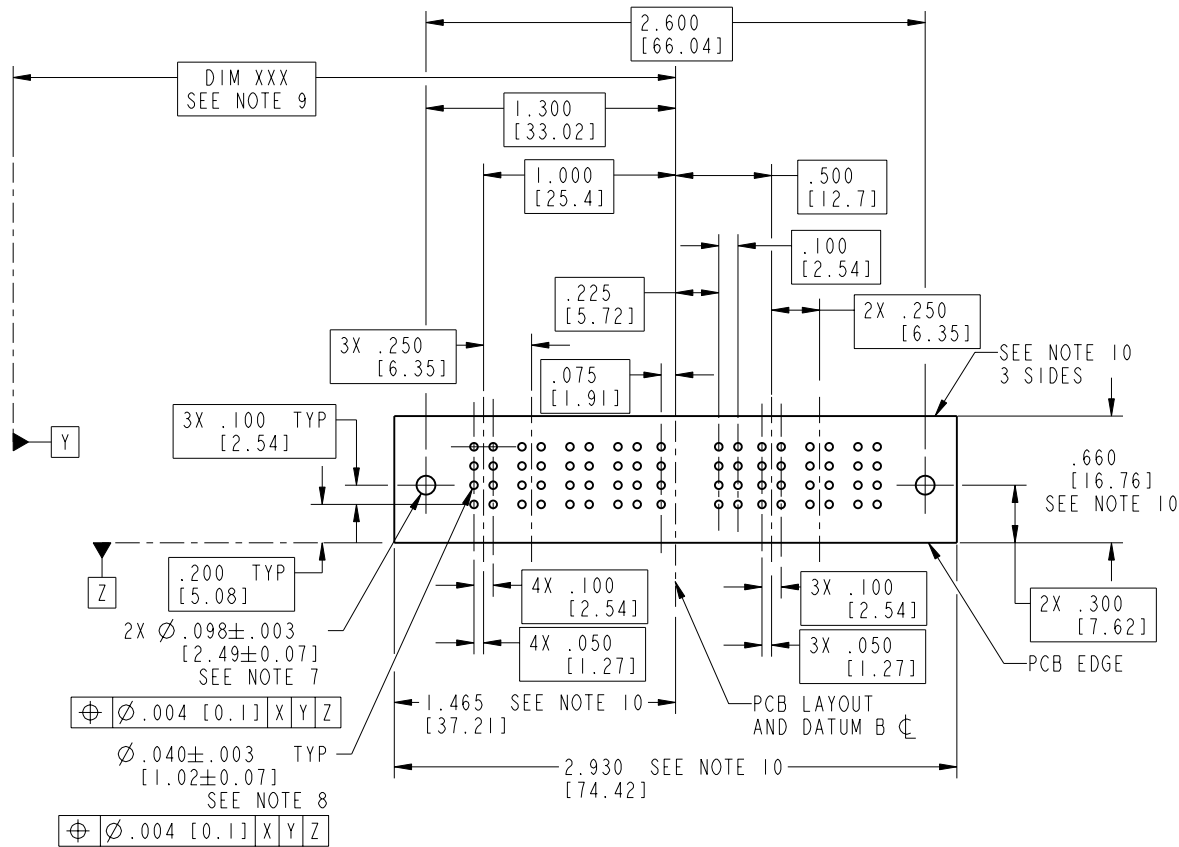
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PRODUCT NUMBER
51730-028--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection 	COPY	title 4P + 20S + 3P RIGHT ANGLE SOLDER HEADER			
E					.XXX±.005/0.XX±0.13			product family PwrBlade			
					.XXX±.0020/0.XX±0.051			code 213			
				angles	0°±2°	INCH/MM scale 1:1	A	size 51730-028			
				dr	J. SHAFFER 03-13-02			sheet 3 of 4			
				enrg	M. MOSTOLLER 03-13-02						
				chr	M. MOSTOLLER 03-13-02						
				appd	M. MOSTOLLER 03-13-02						
sheet index	revision	sheet						cage code 22526			

Pro/E

PDM: Rev:E

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51730-028--
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:

51730-028 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.

51730-028LF 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 51730-028LF 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:

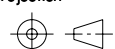
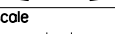
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 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.

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		projection 	title	
E					.XXX±.005/0.XX±0.13					4P + 20S + 3P	
					.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°				INCH/MM  scale 1:1	product family	
				dr	J. SHAFFER	03-13-02	size			PwrBlade	code
				enrg	M. MOSTOLLER	03-13-02	dwg no				213
				chr	M. MOSTOLLER	03-13-02					sheet
				appd	M. MOSTOLLER	03-13-02			A	51730-028	4 of 4
sheet index		revision sheet									

cage code 22526

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