



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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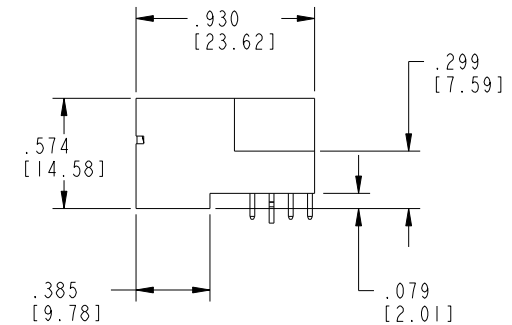
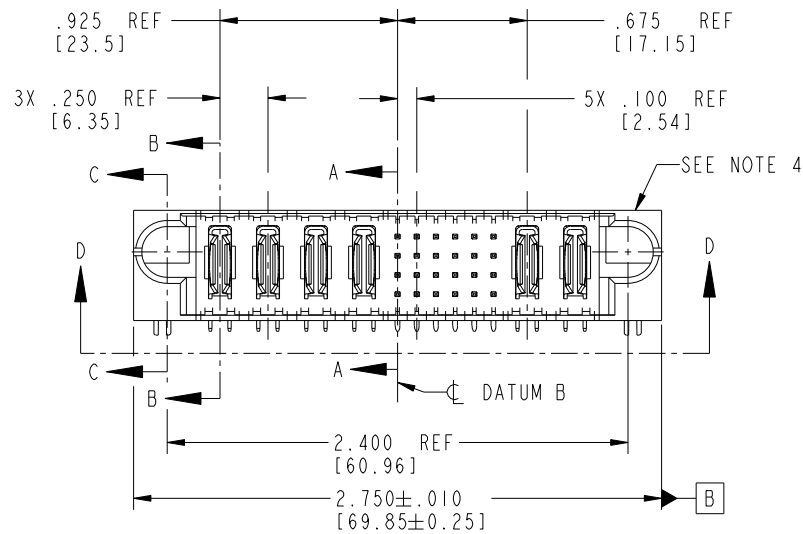
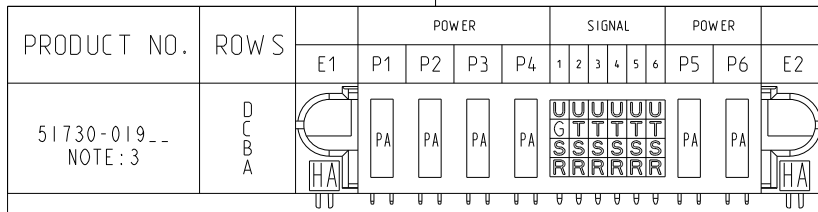
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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
G	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear	linear	linear	linear	linear	linear	linear	linear	COPY	COPY	COPY	COPY
A	V02900	CGD	12/4/00		.XX±.01/0.X±0.3							projection	projection	projection	projection
B	V20150	JWS	01-22-02		.XXX±.005/0.XX±0.13							INCH/MM	INCH/MM	INCH/MM	INCH/MM
C	DG05-0386	CS	10/12/05		.XXX±.0020/0.XXX±0.051							scale	scale	scale	scale
D	DG05-0560	CS	12/26/05		0°±2°							1:1	1:1	1:1	1:1
E	DG08-0272	WD	09/29/08												
sheet index				revision	revision	revision	revision	revision	revision	revision	revision				
				sheet	sheet	sheet	sheet	sheet	sheet	sheet	sheet				
				1	2	3	4								

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear	linear	linear	linear	linear	linear	linear	linear	COPY	COPY	COPY	COPY
A	V02900	CGD	12/4/00		.XX±.01/0.X±0.3							projection	projection	projection	projection
B	V20150	JWS	01-22-02		.XXX±.005/0.XX±0.13							INCH/MM	INCH/MM	INCH/MM	INCH/MM
C	DG05-0386	CS	10/12/05		.XXX±.0020/0.XXX±0.051							scale	scale	scale	scale
D	DG05-0560	CS	12/26/05		0°±2°							1:1	1:1	1:1	1:1
E	DG08-0272	WD	09/29/08												
sheet index				revision	revision	revision	revision	revision	revision	revision	revision				
				sheet	sheet	sheet	sheet	sheet	sheet	sheet	sheet				
				1	2	3	4								

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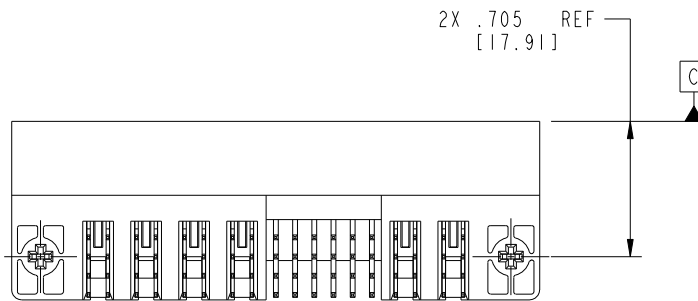
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A

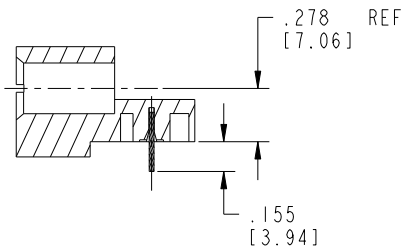
B

PRODUCT NUMBER

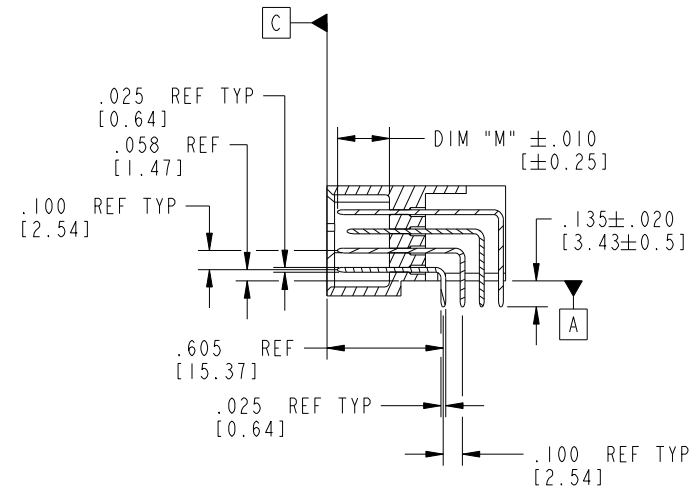
51730-019--
NOTE:3



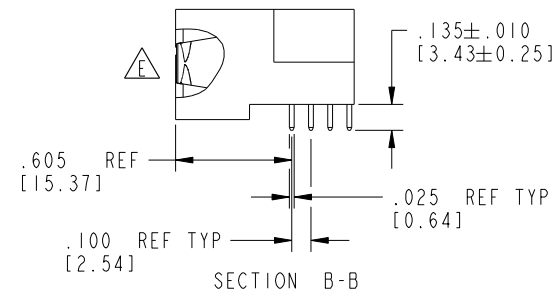
VIEW D-D



SECTION C-C



SECTION A-A



SECTION B-B

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	
E						.XXX±.005/0.XX±0.13		projection		title	
						.XXX±.0020/0.XXX±0.051				4P + 24S + 2P	
				angles		0°±2°		INCH/MM		RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER	01-22-02		scale		product family PwrBlade	
				engr	M. MOSTOLLER	01-22-02				size	
				chr	M. MOSTOLLER	01-22-02				dwg no	
				appd	M. MOSTOLLER	01-22-02				A 51730-019	
sheet index		revision sheet								code	
										213	
										sheet	
										2 of 4	

cage code 22506

Pro/E

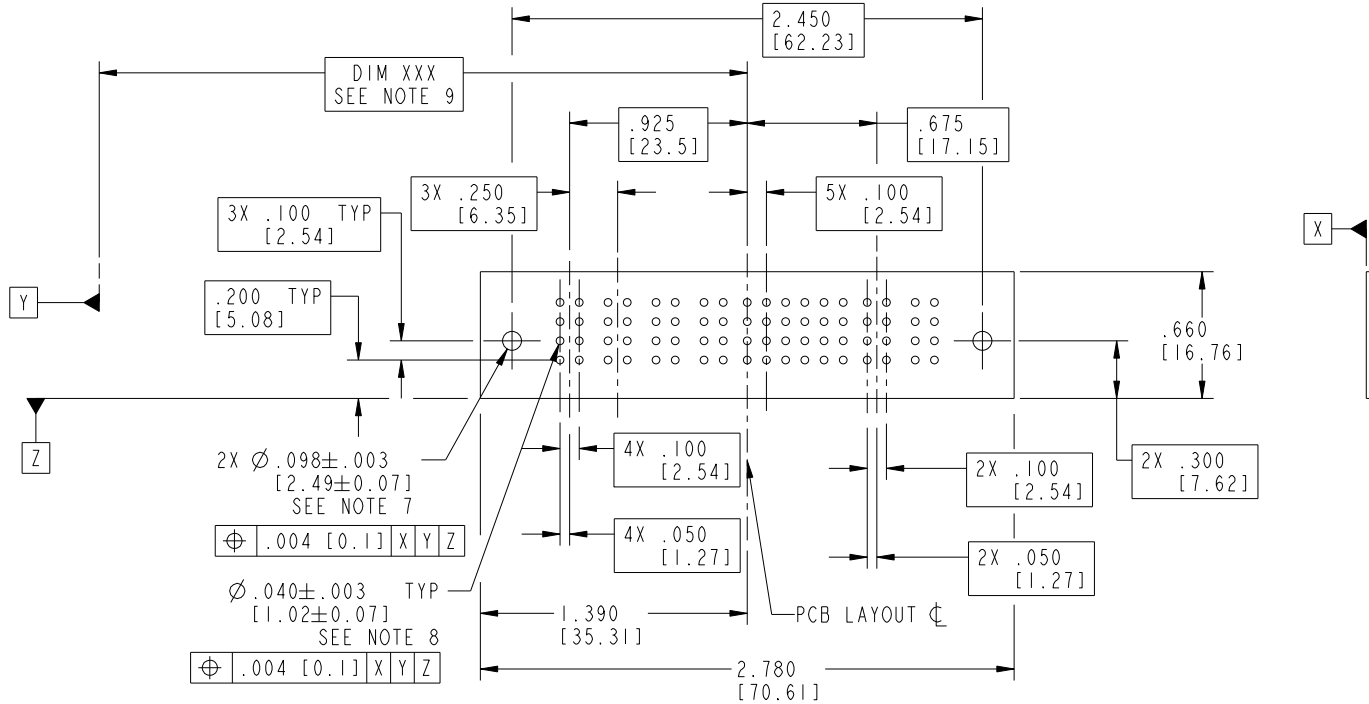
PDM: Rev:E

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51730-019--
NOTE:3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	angular	linear	angular	COPY	projection	title	www.fciconnect.com
E						.XX±.01/0.X±0.3				4P + 24S + 2P	
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
						.XXX±.002/0.XXX±0.051				product family	PwrBlade
						0°±2°				size	213
						dr J. SHAFFER 01-22-02				dwg no	51730-019
						enr M. MOSTOLLER 01-22-02				sheet	3 of 4
						chr M. MOSTOLLER 01-22-02					
						appd M. MOSTOLLER 01-22-02					
sheet index	revision	sheet									



1 | 2

3 |

4

PRODUCT NUMBER
51730-019--
NOTE:3

NOTES:

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

CONNECTORS NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

③ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-019 AND 51730-019LF RESPECTIVELY.

4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ HOLD DOWN THROUGH HOLES 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. A $\frac{E}{F}$ 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			
E					$.XXX \pm .005 / 0.XX \pm 0.13$		projection			4P + 24S + 2P			
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$		INCH/MM			RIGHT ANGLE SOLDER HEADER			
				angles	$0^\circ \pm 2^\circ$		INCH/MM			product family			code
				dr	J. SHAFFER	01-22-02	scale			PwrBlade			213
				engr	M. MOSTOLLER	01-22-02	1:1			size			sheet
				chr	M. MOSTOLLER	01-22-02			A			51730-019	4 of 4
				appd	M. MOSTOLLER	01-22-02							
sheet index		revision sheet											

1 | 2

Pro/E

PDM: Rev:E

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