



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

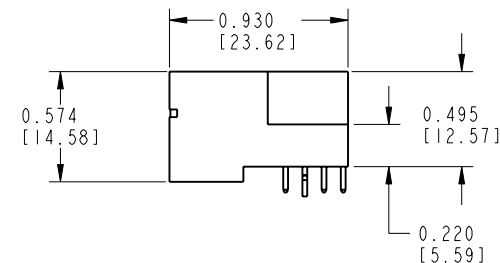
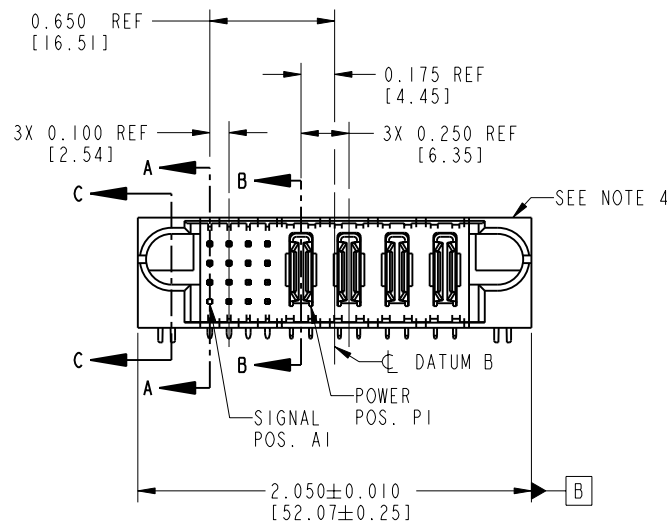
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



AF

PRODUCT NO.	ROWS		SIG				POWER				
		E1	1	2	3	4	P1	P2	P3	P4	E2
51731-017__ NOTE: 3	D C B A		UUUU	TTTT	SSSS	XXXX	PA	PA	PA	PA	
			HA	X	R	R	R	R	R	R	
											



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	0.270 [6.86]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com							
lfr		ecrn no.		dr		date		linear $.XX \pm .01/0.X \pm 0.3$ $.XXX \pm .005/0.XX \pm 0.13$ $.XXXX \pm .0020/0.XXX \pm 0.051$ angles $0^\circ \pm 2^\circ$		COPY		projection INCH/MM scale 1:1									
A		V03-0463		MEM		4/22/03				M. MOSTOLLER				4/22/03		title		16S + 4P			
B		DG05-0531		GuoJM		12/15/05				M. MOSTOLLER				4/22/03		RIGHT ANGLE SOLDER HEADER		product family		PwrBlade	
										engr				4/22/03		size		dwg no		213	
										chr				4/22/03		A		51731-017		sheet	
								appd		4/22/03						1 of 4					
sheet index		revision sheet		B		B		B		B											
				1		2		3		4											

Pro/E

coge code	22526
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PDM: Rev:B

STATUS: **Released**

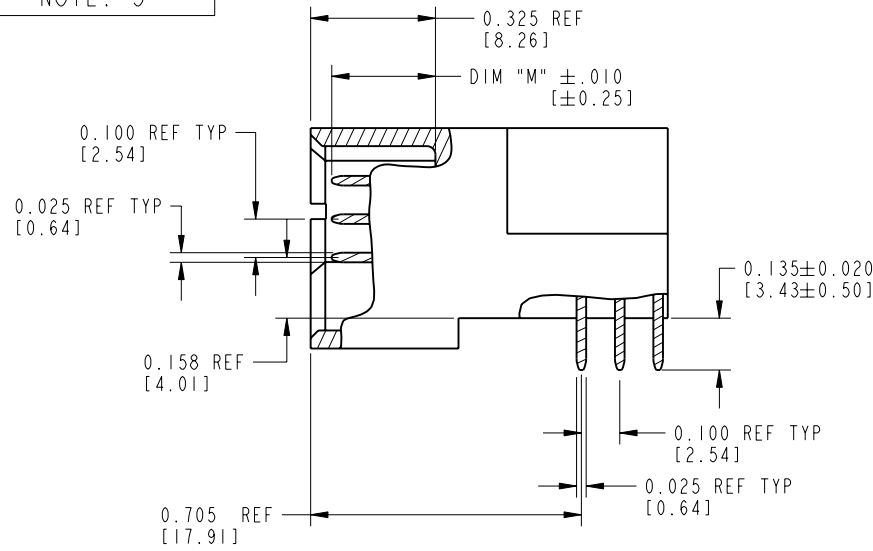
Printed: Dec 20, 2010

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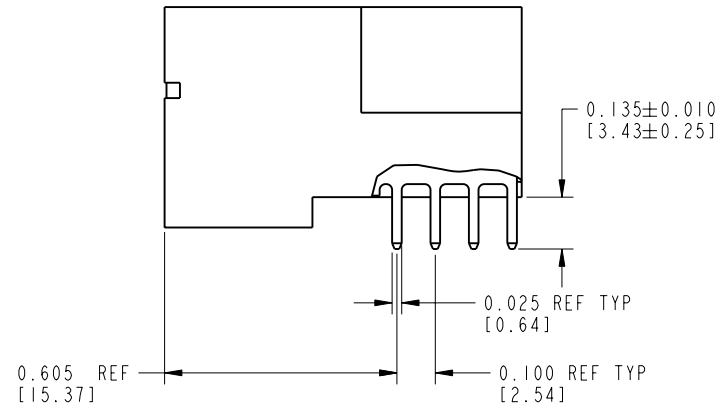
FCI

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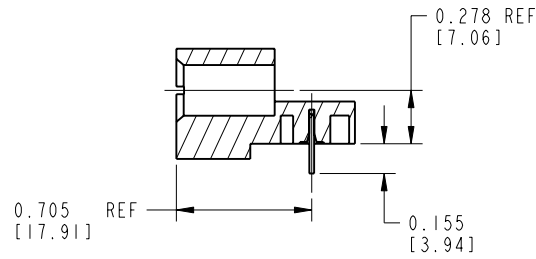
PRODUCT NUMBER
51731-017__
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection		
B				.XX±.01/0.X±0.3	0°±2°			title	16S + 4P
				.XXX±.005/0.XXX±0.13				RIGHT ANGLE SOLDER HEADER	
				.XXXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr	M. MOSTOLLER	4/22/03		size	213
				enrg	M. MOSTOLLER	4/22/03		dwg no	2 of 4
				chr	H. BREWBAKER	4/22/03			
				appd	M. MOSTOLLER	4/22/03			
sheet index	revision sheet								

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51731-017__

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:

51731-017 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.

51731-017LF 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 51731-017LF 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			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3			COPY		projection	title		
B					.XXX±.005/0.XX±0.13						16S + 4P		
					.XXXX±.0020/0.XXX±0.051						RIGHT ANGLE SOLDER HEADER		
				angles	0°±2°								
		dr	M. MOSTOLLER	4/22/03				INCH/MM		product family		PwrBlade	code
		engr	M. MOSTOLLER	4/22/03						size		dwg no	213
		chr	H. BREWBAKER	4/22/03				scale		A		51731-017	sheet
		appd	M. MOSTOLLER	4/22/03				1:1					4 of 4
sheet index		revision sheet											

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