



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

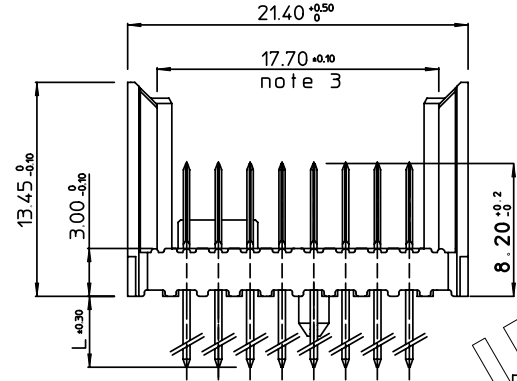
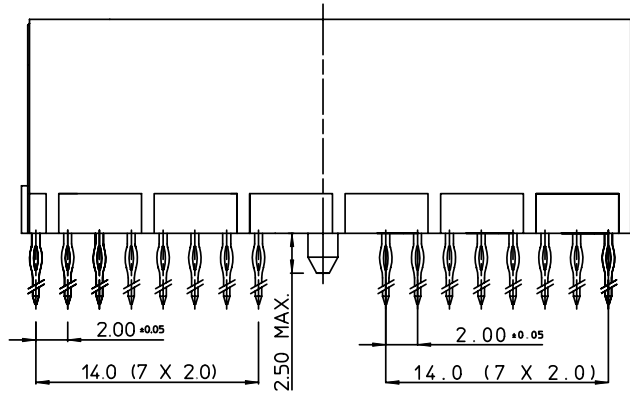
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

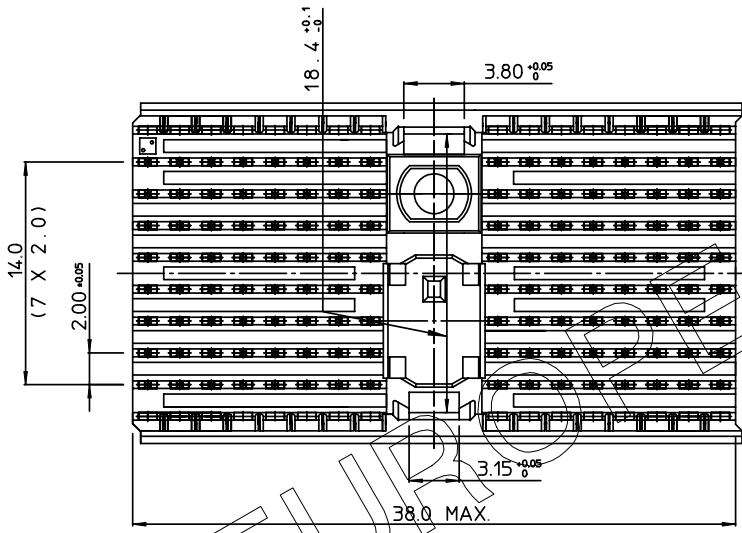
REV.	DATE	DESCRIPTION	BY	C'K'D'
A	2001-09-14	CONVERSION REVISION 01	KN	
B	2005-10-26	105-0205	ALEX B	BKP
C	2006-08-08	106-0144	ALEX B	BKP



PERFORMANCE CHARACTERISTICS

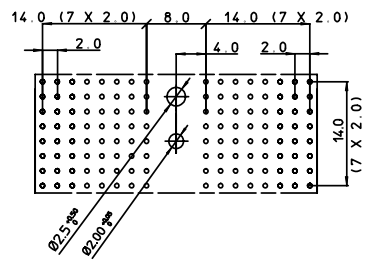
CURRENT RATING : 1.5 A AT 20°C ( FULLY LOADED )  
 CURRENT RATING : 1 A AT 70°C ( FULLY LOADED )  
 RATED VOLTAGE : 500 V AC (CONT / CONT )  
 OPERATING TEMPERATURE : -55°C TO 125°C  
 CONTACT RESISTANCE : 20 mΩ MAX  
 INSERTION FORCE : 0.60 N MAX / CONT  
 EXTRACTION FORCE : 0.15 N MIN / CONT  
 INSULATION RESISTANCE : 10<sup>4</sup> MΩ MIN

CAT. NR.	L ±0.3	DESCRIPTION
HM2P85PD8110----	3.7	SHORT PRESS-FIT
HM2P85PC8110----	4.5	SHORT PRESS-FIT
HM2P85PK8110----	13	REAR PLUG-UP: LEVEL 1
HM2P85PM8110----	14.5	REAR PLUG-UP: LEVEL 2
HM2P85PN8110----	16	REAR PLUG-UP: LEVEL 3
HM2P85PT8110----	13	WIRE WRAP



NOTES

- \*HM2P85#8110---\*  
 PERFORMANCE LEVEL INDICATOR (REFER DWG No. BS,C ,201844,003)  
 LEAD FREE INDICATOR : LF=LEAD FREE (DIGIT 15&16)
- THIS PRODUCT IS CSA APPROVED.  
 THIS PRODUCT IS UL RECOGNIZED.
- MEASURED AT THE BOTTOM.
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008



LAY-OUT P.C.B.- HOLE

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**MALE SIGNAL STRAIGHT PRESS-FIT-TO-BOARD CONNECTOR WITH SERVICECENTER**

1DEC ±0.2 2DEC ±0.1 ANGLES ±1°	APPR. DRAFT CHECKED	DATE 1997-10-10	SIGN. M.Fret	MILLIPACS 2 / TYPE D (8 ROW/16POS) / NO SHIELDING
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR. PR. ENG. MGR. PR. MGT. MGR.			CAT. No. HM2P85P#8110----
ALL DIMENSIONS IN MM	REFERENCES			SCALE 3/1
				www.fciconnect.com

BS,C ,202259,004 C

DRAWING No. CUSTOMER DRAWING REVISION

Printed: Dec 02, 2007