



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

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A

B

C

D

A

B

C

D

PERFORMANCE CHARACTERISTICS :

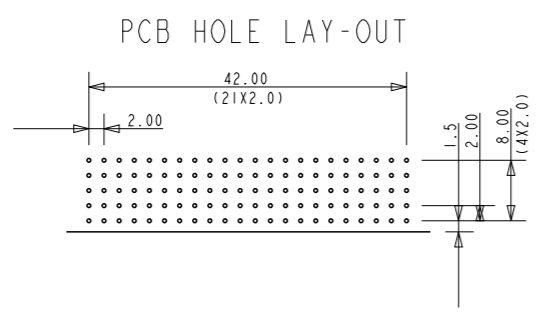
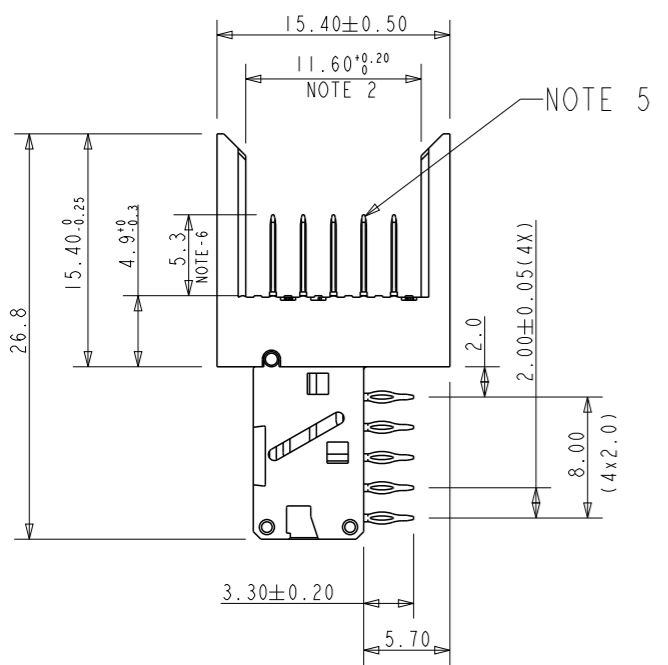
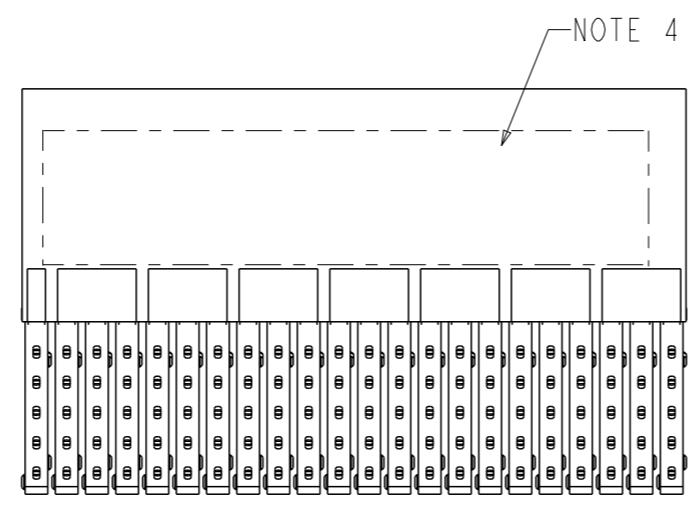
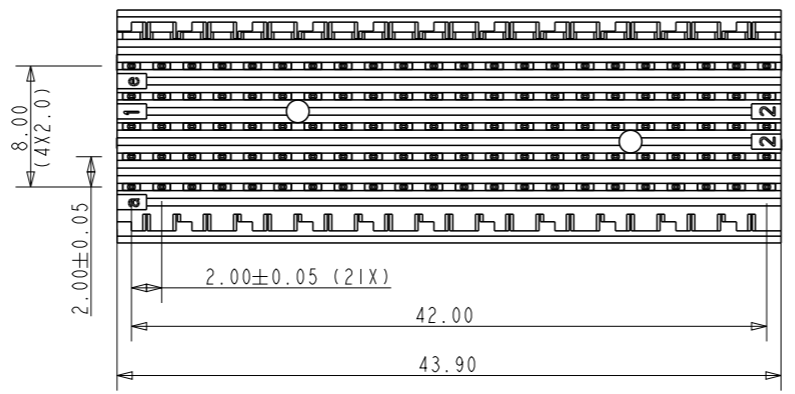
CURRENT RATING : 1.5A AT 20°C (FULLY LOADED)
 1A AT 70°C (FULLY LOADED)
 RATED VOLTAGE : 500V AC (CONT / CONT)
 OPERATING TEMPERATURE : -55°C TO 125°C
 CONTACT RESISTANCE : 25mΩ MAX.
 INSERTION FORCE : 0.75 N MAX / CONT
 EXTRACTION FORCE : 0.15 N MIN / CONT
 INSULATION RESISTANCE : 10⁴ MΩ MIN.

NOTES :

- UL APPROVED WITH USR AND CNR.
- MEASURED AT THE BOTTOM.
- MATERIAL CONTACT : PHOSPHORBRONZE.
HOUSING : LCP 30% GLASS-FILLED.
- CONNECTOR PRINTED WITH P/N AND DATE CODES.
- FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN MATING SIDE.)
- 4 = LEVEL 1 (5.30)
5 = LEVEL 2 (6.80)
6 = LEVEL 3 (8.30)
- 'HM2J70PE5110' LEAD FREE INDICATOR : LF = LEAD FREE
PERFORMANCE LEVEL INDICATOR (Ref DWG No BS,C ,201844,003)
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

LOADING PATTERN : MATING SIDE

F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Z	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	



rev	ecn no	dr	date
A	CONV R0	GNV	2002-08-28
B	EC B20190	MF	2002-11-22
C	105-0108	AB	2005-06-29
D	106-0107	AB	2006-07-15
E	108-0050	AB	2008-04-24
F	110-0098	GT	2010-04-19
G	111-0044	GT	2011-02-28

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surface ISO 1302 ✓ tolerance std ISO 406 ISO 1101 projection mm

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr	M.Fret	2000-12-20	ANGULAR	0.X	±0.2	size	A3	Scale	1/1
Eng	M.Fret	2000-12-20	LINEAR	0.XX	±0.1	ECN	111-0044		
Chr	Alex Babu	2008-04-24	0° ±1°	0.XXX	±0.05	Product family	MILLIPACS	Spec ref	-
Appr	Alex Babu	2008-04-24							

FCi MPACS RA HDR
type B (22 POS), not shielded

catalog no HM2J70PE5110- - - -

dwg no BSC202767016

Rev. G

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