



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

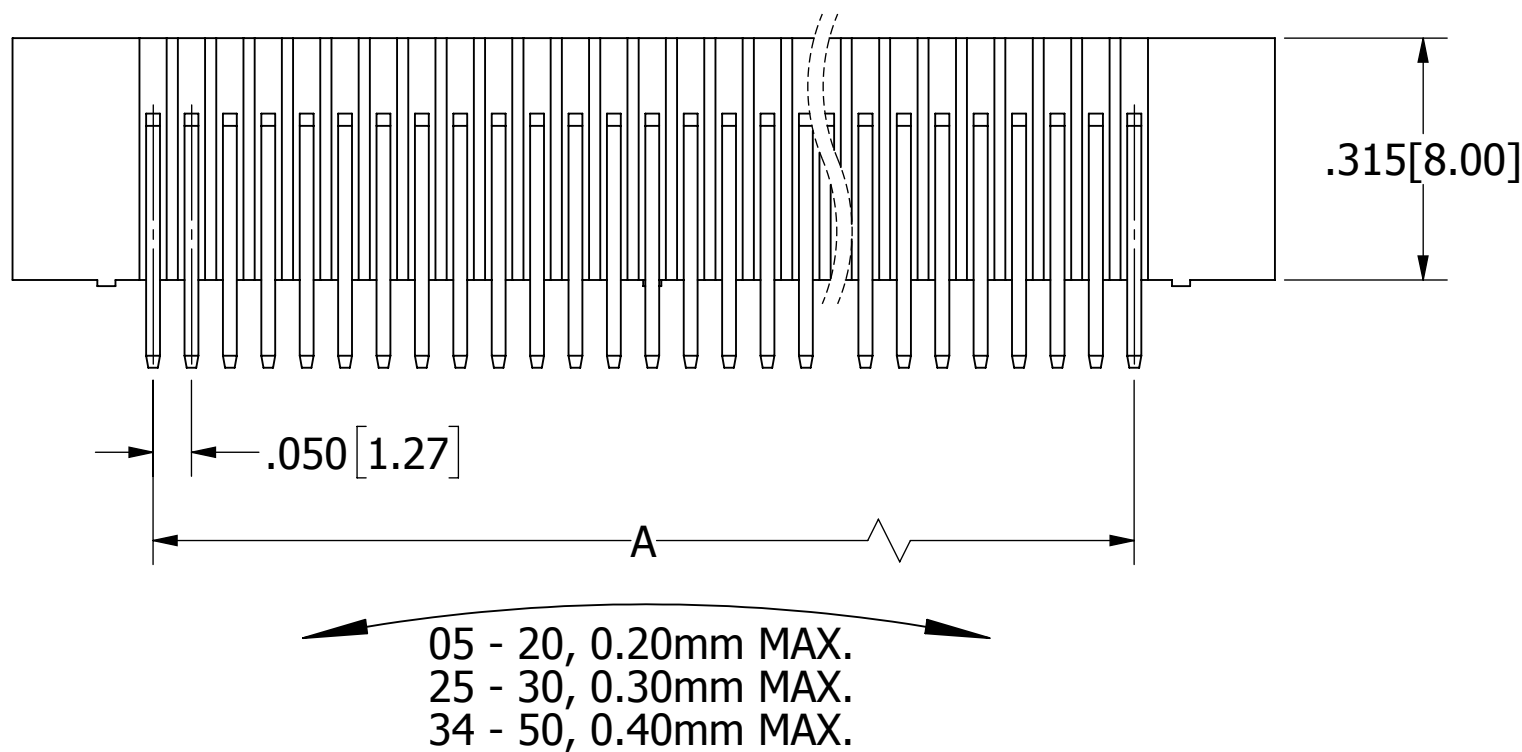
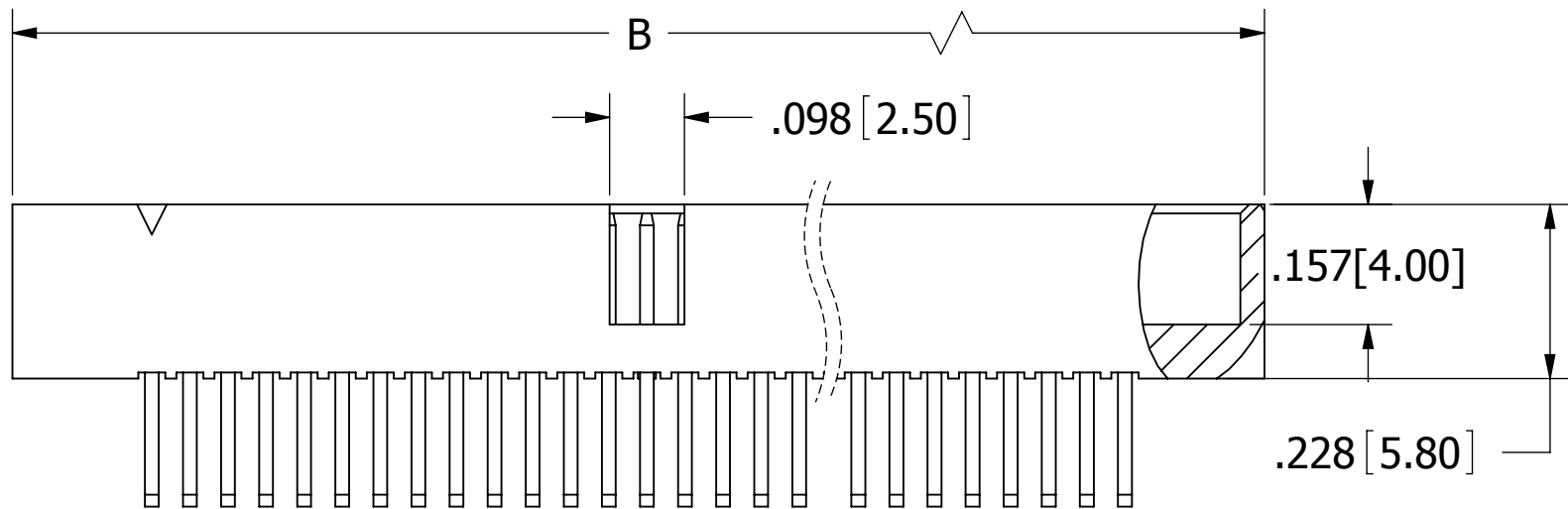
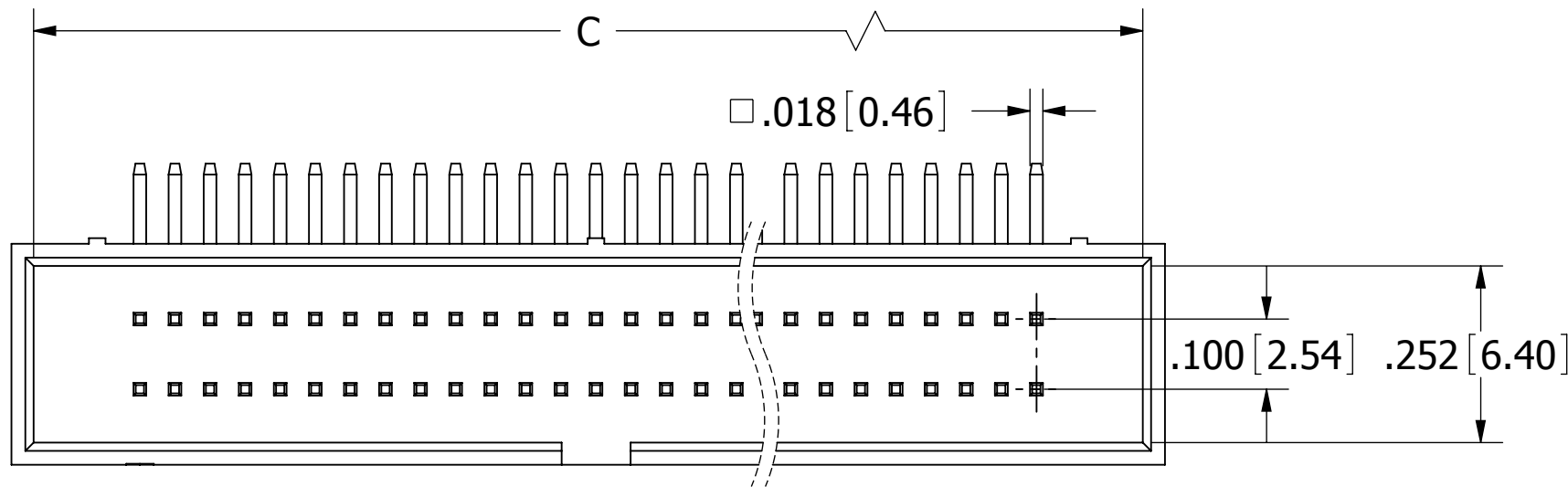
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



PART NUMBER CODING
SBH41-NBPB-D__-RA-BK

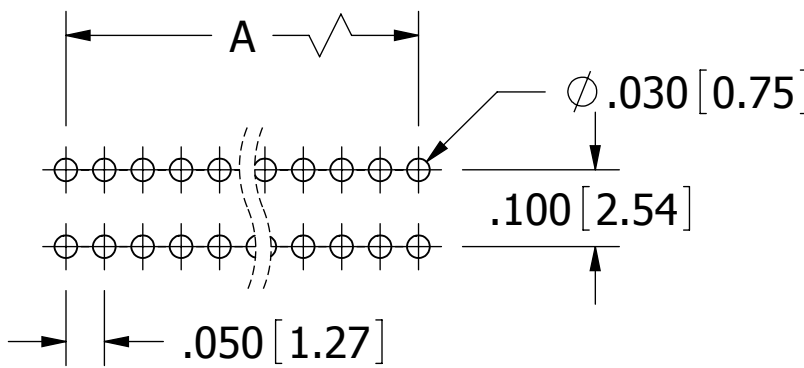
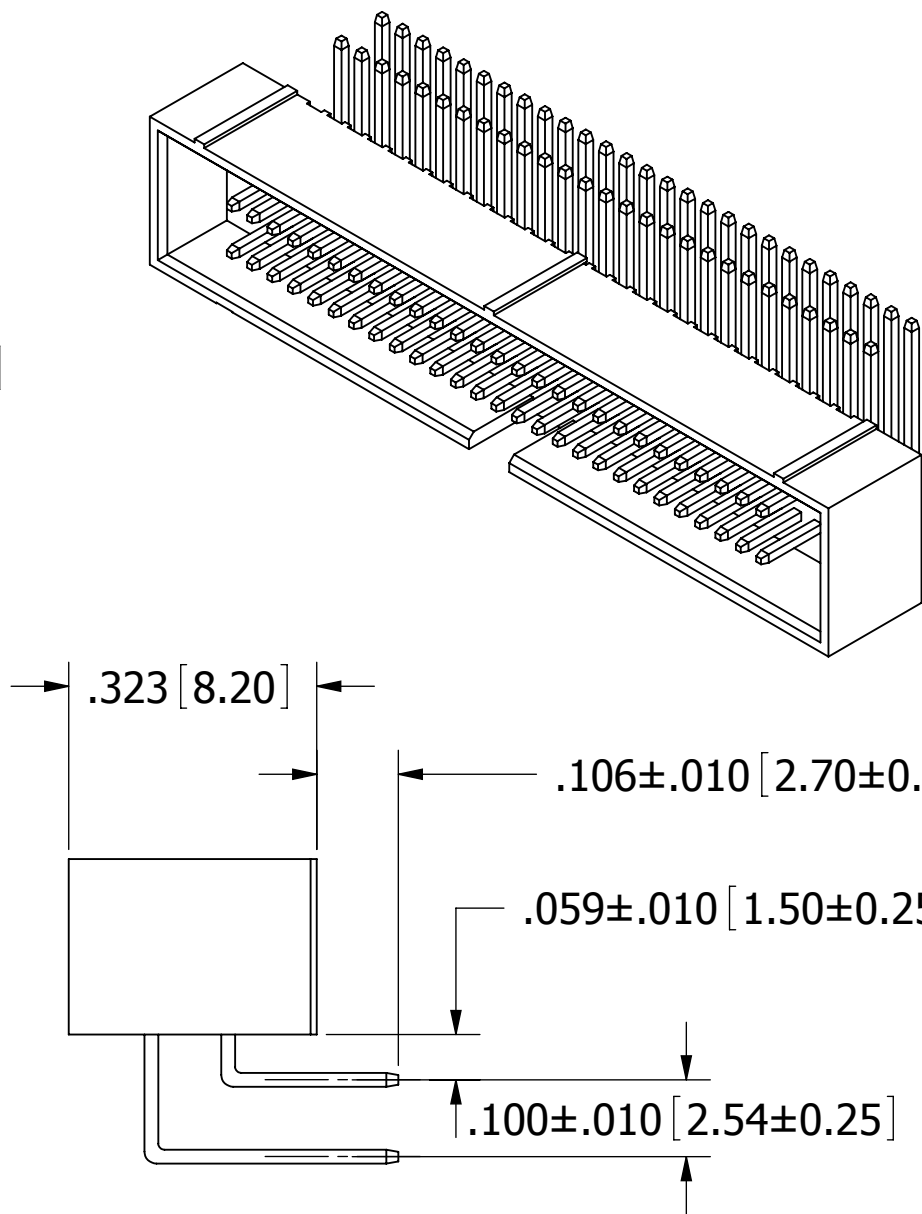
NUMBER OF POSITIONS
(CONTACTS PER ROW)



05 - 20, 0.20mm MAX.
25 - 30, 0.30mm MAX.
34 - 50, 0.40mm MAX.

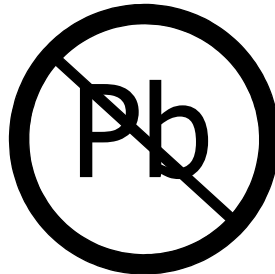
- NOTES:
1. INSULATOR MATERIAL: NYLON 9T, UL 94V-0, COLOR: BLACK
 2. CONTACT MATERIAL: BRASS
 3. CONTACT PLATING: .000030" - .000050" NICKEL UNDERPLATE, GOLD FLASH OVERALL
 4. CURRENT RATING: 1 AMP
 5. INSULATOR RESISTANCE: 5,000 MEGOHMS MIN.
 6. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
 7. DIELECTRIC WITHSTANDING: 500 V AC
 8. OPERATING TEMPERATURE: -40°C TO + 105°C
 9. PROCESSING TEMP.: 230°C MAX FOR 60 SECONDS
(260°C MAX FOR 10 SECONDS)
 10. MATES WITH SFH41 & SFH413 IDC SOCKET SERIES

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
C	2086	ADD BOX INSIDE DEPTH 4mm, MATED COMPONENTS & HEIGHT ON SHEET 2, UPDATE AVAILABLE POSITION NUMBERS	02/11/2010	LH
D	2835	UPGRADE INSULATOR MATERIAL NYLON 9T(WAS NYLON 6T), WARP TOLERANCE	04/07/2014	LH
E	3219	UPDATE INSULATOR COLOR OPTIONS	05/12/2015	LH
F	3637	MOVE WARP TOLERANCE TO BOTTOM VIEW	03/16/2017	LH



RECOMMENDED PCB LAYOUT

PART NUMBER	POSITIONS/ CONTACTS	A		B		C	
		INCH	MM	INCH	MM	INCH	MM
SBH41-NBPB-D05-RA-BK	05/10	0.200	5.08	0.566	14.38	0.503	12.78
SBH41-NBPB-D07-RA-BK	07/14	0.300	7.62	0.666	16.92	0.603	15.32
SBH41-NBPB-D08-RA-BK	08/16	0.350	8.89	0.716	18.19	0.653	16.59
SBH41-NBPB-D10-RA-BK	10/20	0.450	11.43	0.816	20.73	0.753	19.13
SBH41-NBPB-D13-RA-BK	13/26	0.600	15.24	0.966	24.54	0.903	22.94
SBH41-NBPB-D15-RA-BK	15/30	0.700	17.78	1.066	27.08	1.003	25.48
SBH41-NBPB-D17-RA-BK	17/34	0.800	20.32	1.166	29.62	1.103	28.02
SBH41-NBPB-D20-RA-BK	20/40	0.950	24.13	1.316	33.43	1.253	31.83
SBH41-NBPB-D25-RA-BK	25/50	1.200	30.48	1.566	39.78	1.503	38.18
SBH41-NBPB-D30-RA-BK	30/60	1.450	36.83	1.816	46.13	1.753	44.53
SBH41-NBPB-D34-RA-BK	34/68	1.650	41.91	2.016	51.21	1.953	49.61
SBH41-NBPB-D40-RA-BK	40/80	1.950	49.53	2.316	58.83	2.253	57.23
SBH41-NBPB-D50-RA-BK	50/100	2.450	62.23	2.816	71.53	2.753	69.93



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

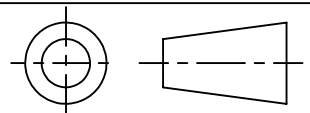
TOLERANCES:

ANGULAR:

DECIMALS
.XX= ± .012 [.3]
.XXX= ± .008 [.20]
.XXXX= ± .0040 [.100]

DRAWN DATE NAME
06/03/2008 VJ

THE INFORMATION HEREIN CONTAINS
PROPRIETARY INFORMATION OF
SULLINS ELECTRONICS AND IS NOT
TO BE REPRODUCED, USED OR
DISCLOSED TO OTHERS FOR ANY
PURPOSE EXCEPT AS SPECIFICALLY
AUTHORIZED IN WRITING BY AN
OFFICER OF SULLINS ELECTRONICS.



TITLE
BOX HEADER, .050[1.27]CC, .100[2.54]RS
PART NUMBER

SBH41-NBPB-D__-RA-__

SIZE CAGE CODE DWG. NO. REV
C 54453 11115 F

SCALE: 4:1 SHEET 1 OF 2

