



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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PART NUMBER CODING
SFH213-PP C-D -ID-BK-M181

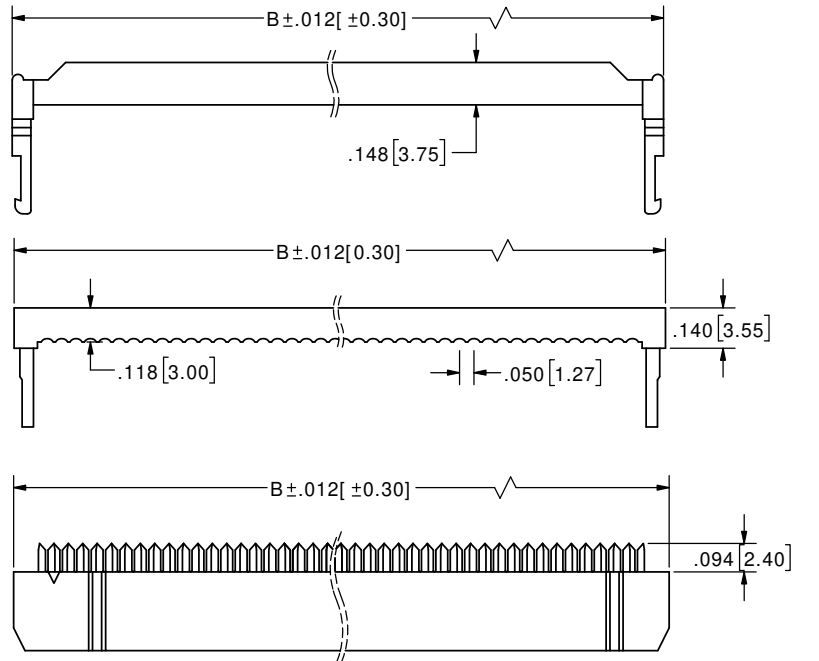
COLOR
 BK= BLACK

NUMBER OF POSITIONS
 (CONTACTS PER ROW)

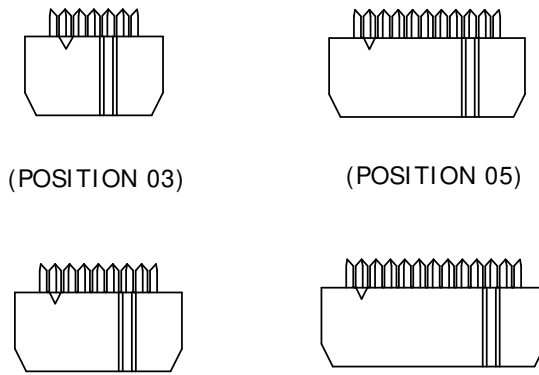
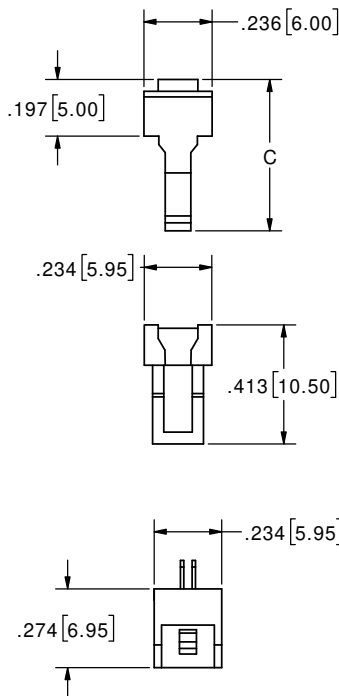
PLATING
 (SEE PLATING TABLE)

PLATING TABLE	
(.000030" MIN NICKEL UNDERPLATE)	
CONTACT SURFACE	TERMINATION
P = GOLD FLASH	GOLD FLASH
V = GOLD FLASH	NICKEL
K = .000015" GOLD	NICKEL
J = .000015" GOLD	GOLD FLASH
E = .000100" PURE TIN, MATTE	.000100" PURE TIN, MATTE

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
C	2818	UPDATE POSITION 04 FRONT VIEW	02/18/2014	LH
D	3374	UPDATE POSITION 03 VIEW AND DIMENSION TABLE 'C' OF 03 AND 04 POSITION .526[13.35] (WAS .516[13.10]), REMOVE 30 AND 32 POSITION OF DIMENSION .047[1.20] ON PAGE 2	02/01/2016	LH
E	3697	ADD 30 AND 32 POSITION DIM B TOLERANCE	06/16/2017	LH



(POSITION 07 THRU 25)

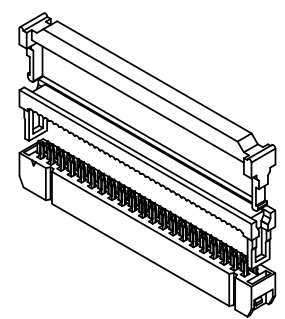
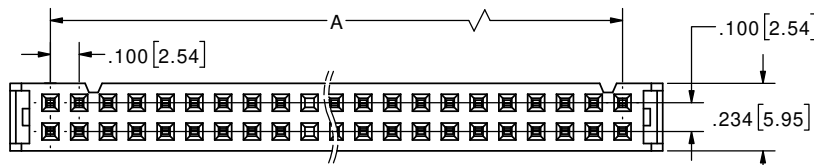


(POSITION 03)

(POSITION 05)

(POSITION 04)

(POSITION 06)



- NOTES:**
- INSULATOR MATERIAL: PBT 30% GLASS FIBER.
 - CONTACT MATERIAL: PHOSPHOR BRONZE.
 - OPERATING TEMPERATURE: -40 °C TO + 105 °C.
 - UL FLAMMABILITY RATING: 94V-0.
 - CURRENT RATING: 1 AMP
 - INSULATION RESISTANCE: 3,000 MEGOHMS MIN.
 - DIELECTRIC WITHSTANDING: 500 V AC.
 - CONTACT RESISTANCE: 30m OHMS MAX.
 - MATES WITH SBH11 SERIES
 - FOR .050" [1.27mm] PITCH FLAT RIBBON CABLE, 26 - 28 AWG WIRE RANGE.
 - M181 DENOTES PART W/O POLARIZING KEY.

PART NUMBER	POSITIONS/ CONTACTS	A		B		C	
		INCH	MM	INCH	MM	INCH	MM
SFH213-PP C-D03-ID-BK-M181	03/06	0.200	5.08	0.480	12.18		
SFH213-PP C-D04-ID-BK-M181	04/08	0.300	7.62	0.580	14.72	0.526	13.35
SFH213-PP C-D05-ID-BK-M181	05/10	0.400	10.16	0.680	17.26		
SFH213-PP C-D06-ID-BK-M181	06/12	0.500	12.70	0.780	19.80		
SFH213-PP C-D07-ID-BK-M181	07/14	0.600	15.24	0.880	22.34	0.526	13.35
SFH213-PP C-D08-ID-BK-M181	08/16	0.700	17.78	0.980	24.88		
SFH213-PP C-D09-ID-BK-M181	09/18	0.800	20.32	1.080	27.42	0.533	13.55
SFH213-PP C-D10-ID-BK-M181	10/20	0.900	22.86	1.180	29.96		
SFH213-PP C-D12-ID-BK-M181	12/24	1.100	27.94	1.380	35.04		
SFH213-PP C-D13-ID-BK-M181	13/26	1.200	30.48	1.480	37.58		
SFH213-PP C-D15-ID-BK-M181	15/30	1.400	35.56	1.680	42.66	0.526	13.35
SFH213-PP C-D17-ID-BK-M181	17/34	1.600	40.64	1.880	47.74		
SFH213-PP C-D20-ID-BK-M181	20/40	1.900	48.26	2.180	55.36		
SFH213-PP C-D25-ID-BK-M181	25/50	2.400	60.96	2.680	68.06		
POSITION 30 & 32:	30/60						
SEE SHEET 2 FOR P/N	32/64					SEE SHEET 2 FOR DIMENSIONS	



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:

ANGULAR: ± 30'

DECIMALS
 .XX = ± .01 [.3]
 .XXX = ± .008 [.20]
 .XXXX = ± .0040 [.100]

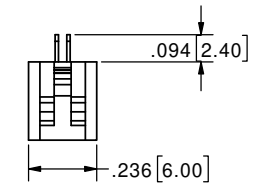
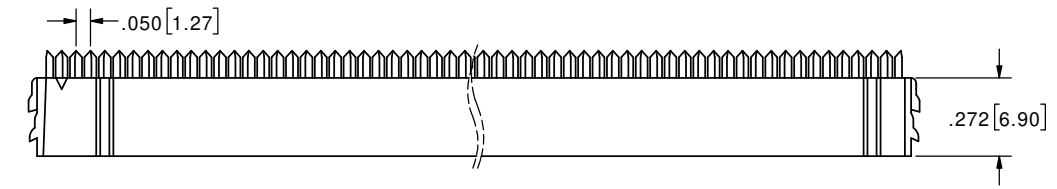
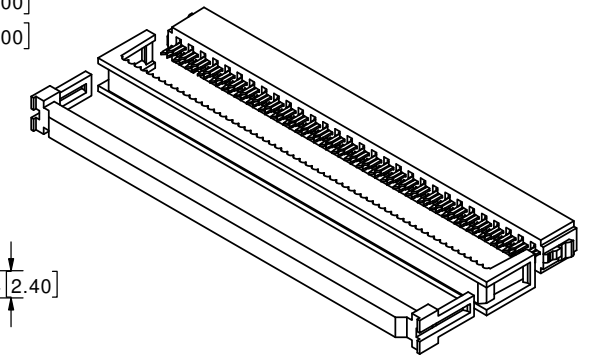
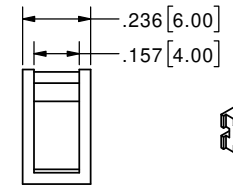
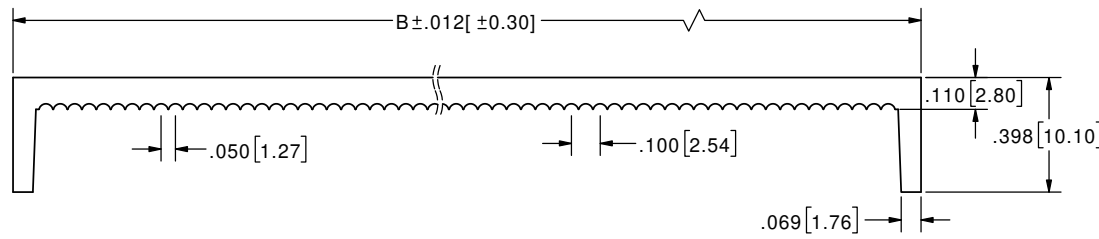
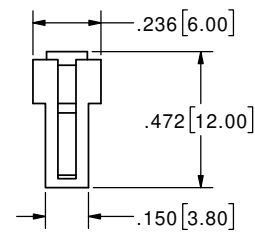
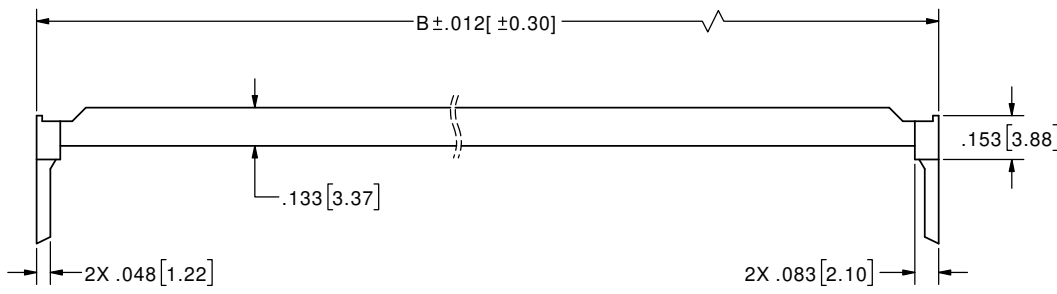
DRAWN: JH
 DATE: 03/17/2009

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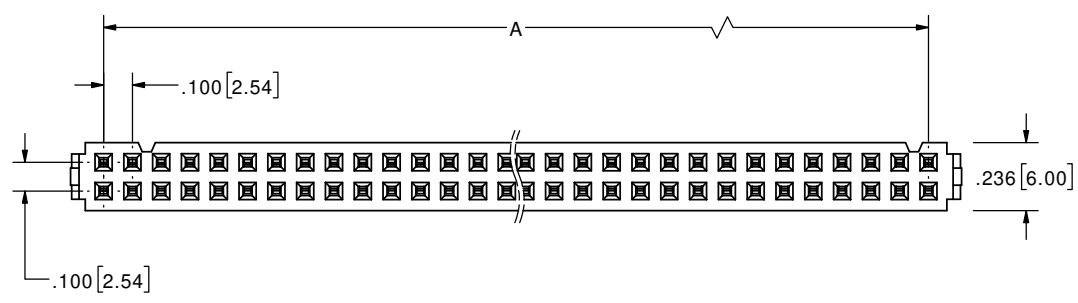
SULLINS
 CONNECTOR SOLUTIONS

TITLE: IDC SOCKET .100" CC/RS, W/O KEY, W/SR
 PART NUMBER: SFH213-PP_C-D _ID-BK-M181

SIZE: CAGE CODE: 54453 DWG. NO.: 11227
 SCALE: 3:1 SHEET 1 OF 2



(POSITION 30 & 32)



PART NUMBER	POSITIONS/ CONTACTS	A		B	
		INCH	MM	INCH	MM
POSITION 03 THRU 25: SEE SHEET 1 FOR PART NUMBERS	03/06	SEE SHEET 1 FOR DIMENSIONS			
	04/08				
	05/10				
	06/12				
	07/14				
	08/16				
	09/18				
	10/20				
	12/24				
	13/26				
	15/30				
	17/34				
	20/40				
25/50					
SFH213-PP_C-D30-ID-BK-M181	30/60	2.900	73.66	3.179	80.74
SFH213-PP_C-D32-ID-BK-M181	32/64	3.100	78.74	3.379	85.82

- NOTES:
- INSULATOR MATERIAL: PBT 30% GLASS FIBER.
 - CONTACT MATERIAL: PHOSPHOR BRONZE.
 - OPERATING TEMPERATURE: -40 °C TO +105 °C.
 - UL FLAMMABILITY RATING: 94V-0.
 - CURRENT RATING: 1 AMP
 - INSULATION RESISTANCE: 3,000 MEGOHMS MIN.
 - DIELECTRIC WITHSTANDING: 500 V AC.
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES (MM)

TOLERANCES:
ANGULAR: ± 30'

DECIMALS:
XX=± .01 [3]
XXX=± .008 [20]
XXXX=± .0040 [100]

DRAWN	DATE	NAME
	03/17/2009	JH
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SULLINS
CONNECTOR SOLUTIONS

TITLE: HEADER FEMALE, .100" CC/R, w/o KEY, w/ SR
PART NUMBER: SFH213-PP_C-D_-ID-BK-M181

SIZE: C	CAGE CODE: 54453	DWG. NO.: 11227	REV: E
SCALE: 3:1		SHEET 2 OF 2	