

PART NUMBER CODING

SBH11- BPC-D -RA-

INSULATOR MATERIAL

N = NYLON 6T

PROCESSING TEMP.: 230°C FOR 60 SECONDS MAX
(260°C FOR 10 SECONDS MAX)

P = PBT

PROCESSING TEMP.: WAVE/MANUAL SOLDERING

NUMBER OF POSITIONS

(CONTACTS PER ROW)

TERMINATION

RIGHT ANGLE

COLOR

BK= BLACK

YE= YELLOW

RE= RED

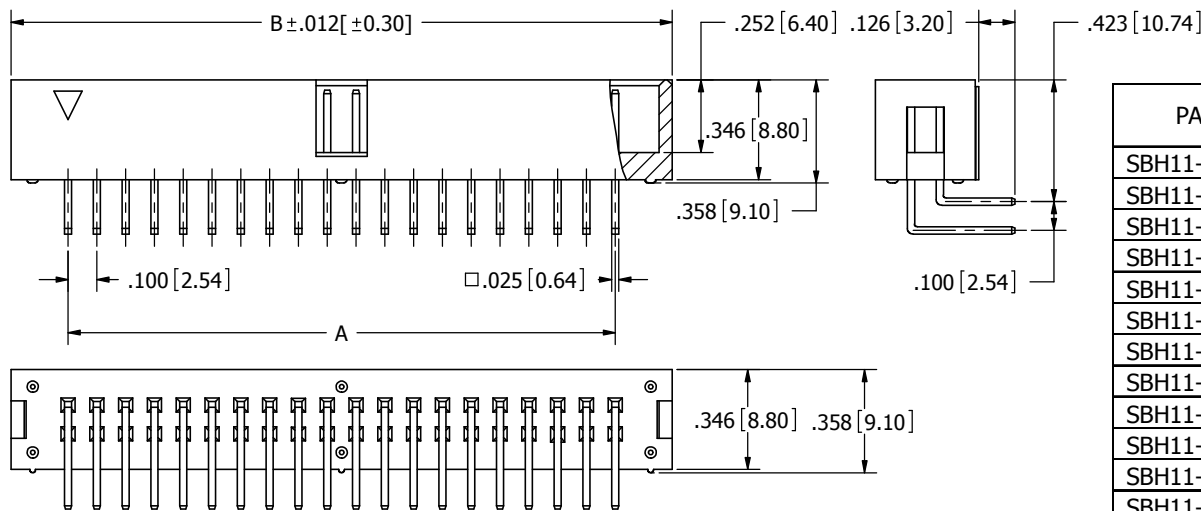
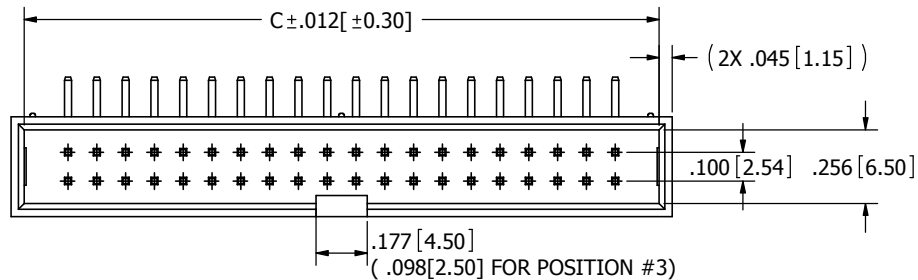
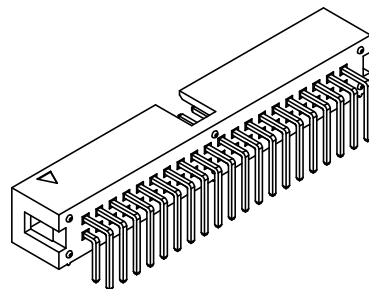
BL= BLUE

GR= GREEN

GY= GREY

WH= WHITE

OR= ORANGE



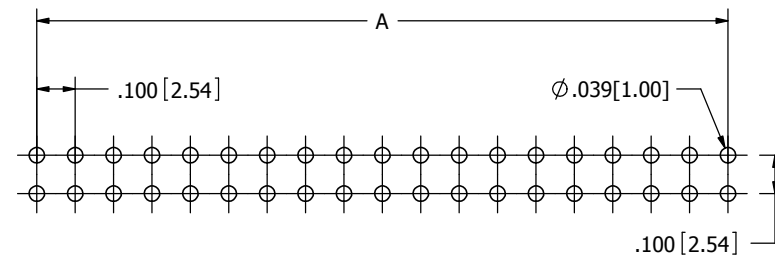
NOTES:

- INSULATOR MATERIAL: SEE PART NUMBER CODING.
- COLOR: SEE PART NUMBER CODING.
- CONTACT MATERIAL: BRASS.
- CONTACT PLATING: .000030"~.000050" NICKEL UNDERPLATE, GOLD FLASH OVERALL.
- OPERATING TEMPERATURE: SEE PART NUMBER CODING.
- PROCESSING TEMP.: SEE PART NUMBER CODING.
- CONTACT RESISTANCE: 20 MILLIOHMS MAX.
- CURRENT RATING: 3 AMPS PER CONTACT.
- DIELECTRIC WITHSTANDING: 500 V AC.
- INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
- MATES WITH SFH11, SFH210 & SFH213 SERIES.

REVISIONS

REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1682	INITIAL RELEASE	05/08/2008	VJ
B	1852	UPDATE DIM "C", TABLE, NOTE 3 & TOLERANCE BLOCK	11/12/2008	JH
C	2103	ADD BOX INSIDE DEPTH 6.40mm, NOTE 10, MATED COMPONENTS & HEIGHT ON SHEET 2	04/09/2010	LH
D	2537	UPDATE NOTE 5 PROCESSING TEMPERATURE	02/29/2012	LH
E	2912	ADD MATERIAL 'N' OPTION	1/30/2014	JHSU

PRELIMINARY



RECOMMENDED PCB LAYOUT

PART NUMBER	POSITIONS/ CONTACTS	A		B		C	
		INCH	MM	INCH	MM	INCH	MM
SBH11- BPC-D03-RA-	03/06	0.200	5.08	0.595	15.12	0.505	12.82
SBH11- BPC-D04-RA-	04/08	0.300	7.62	0.695	17.66	0.605	15.36
SBH11- BPC-D05-RA-	05/10	0.400	10.16	0.795	20.20	0.705	17.90
SBH11- BPC-D06-RA-	06/12	0.500	12.70	0.895	22.74	0.805	20.44
SBH11- BPC-D07-RA-	07/14	0.600	15.24	0.995	25.28	0.905	22.98
SBH11- BPC-D08-RA-	08/16	0.700	17.78	1.095	27.82	1.005	25.52
SBH11- BPC-D10-RA-	10/20	0.900	22.86	1.295	32.90	1.205	30.60
SBH11- BPC-D12-RA-	12/24	1.100	27.94	1.495	37.98	1.405	35.68
SBH11- BPC-D13-RA-	13/26	1.200	30.48	1.595	40.52	1.505	38.22
SBH11- BPC-D15-RA-	15/30	1.400	35.56	1.795	45.60	1.705	43.30
SBH11- BPC-D17-RA-	17/34	1.600	40.64	1.995	50.68	1.905	48.38
SBH11- BPC-D20-RA-	20/40	1.900	48.26	2.295	58.30	2.205	56.00
SBH11- BPC-D22-RA-	22/44	2.100	53.34	2.495	63.38	2.405	61.08
SBH11- BPC-D25-RA-	25/50	2.400	60.96	2.795	71.00	2.705	68.70
SBH11- BPC-D30-RA-	30/60	2.900	73.66	3.295	83.70	3.205	81.40
SBH11- BPC-D32-RA-	32/64	3.100	78.74	3.495	88.78	3.405	86.48



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES (MM)

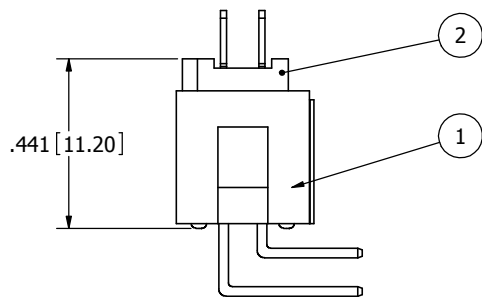
TOLERANCES:

ANGULAR:

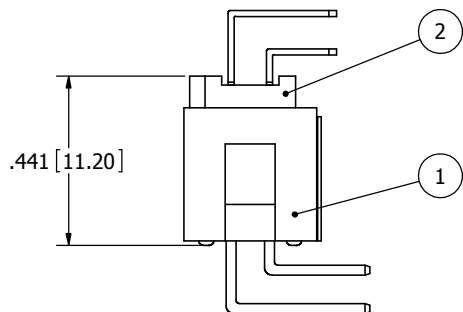
DECIMALS
.XX=±.012 [3]
.XXX=±.008 [20]
.XXXX=±.0040 [100]DRAWN DATE NAME
05/08/2008 VJTHE INFORMATION HEREIN CONTAINS
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OFFICER OF SULLINS ELECTRONICS.TITLE
BOX HEADER, .100[2.54] CC/RS, RAPART NUMBER
SBH11- BPC-D -RA-

CAGE CODE 54453 DWG. NO. 11092 REV E

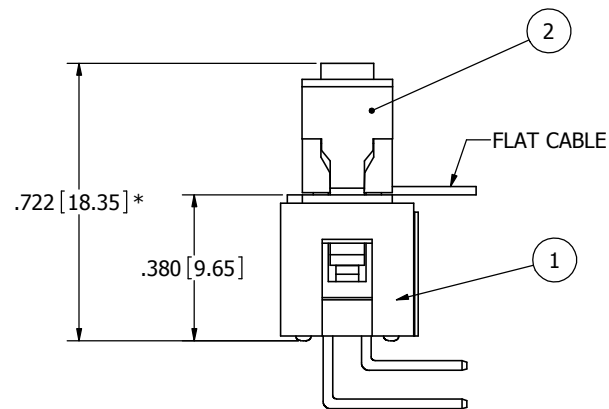
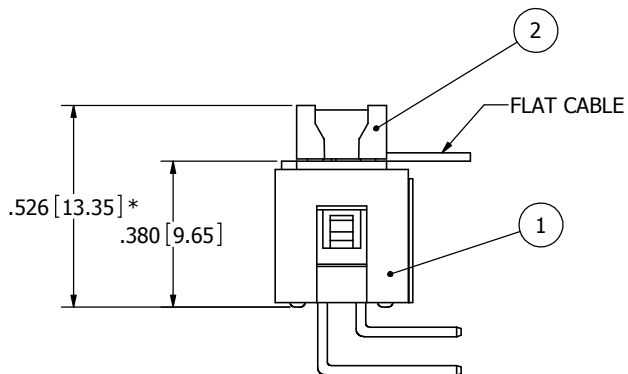
SCALE: 4:1 SHEET 1 OF 2



ITEM 1	SBH11- BPC-D__-RA-__
ITEM 2 (MATES)	SFH11-P__C-D__-ST-__ (with polarizing key)
	SFH11-P__C-D__-ST-__-M181 (without polarizing key)



ITEM 1	SBH11- BPC-D__-RA-__
ITEM 2 (MATES)	SFH11-P__C-D__-RA-__ (with polarizing key)
	SFH11-P__C-D__-RA-__-M181 (without polarizing key)



ITEM 1	SBH11- BPC-D__-RA-__
ITEM 2** (MATES)	SFH210-PP_C-D__-ID-BK (with polarizing key & without strain relief)
	SFH210-PP_C-D__-ID-BK-M181 (without polarizing key & strain relief)
** COMPONENTS FOR POSITION # 3-25 AS SHOWN	
* APPROXIMATE FOR ALL AVAILABLE POSITION NUMBERS	

ITEM 1	SBH11- BPC-D__-RA-__
ITEM 2** (MATES)	SFH213-PP_C-D__-ID-BK (with polarizing key & strain relief)
	SFH213-PP_C-D__-ID-BK-M181 (without polarizing key & with strain relief)
** COMPONENTS FOR POSITION # 3-25 AS SHOWN	
* APPROXIMATE FOR ALL AVAILABLE POSITION NUMBERS	



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM)		DRAWN	DATE	NAME		
TOLERANCES:			05/08/2008	VJ		
ANGULAR:		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, .100[2.54] CC/RS, RA
DECIMALS: .XX=± .012 [.3] .XXX=± .008 [.20] .XXXX=± .0040 [.100]						PART NUMBER SBH11- BPC-D__-RA-
		SIZE C	CAGE CODE 54453	DWG. NO. 11092	REV E	
		SCALE: 4:1		SHEET 2 OF 2		