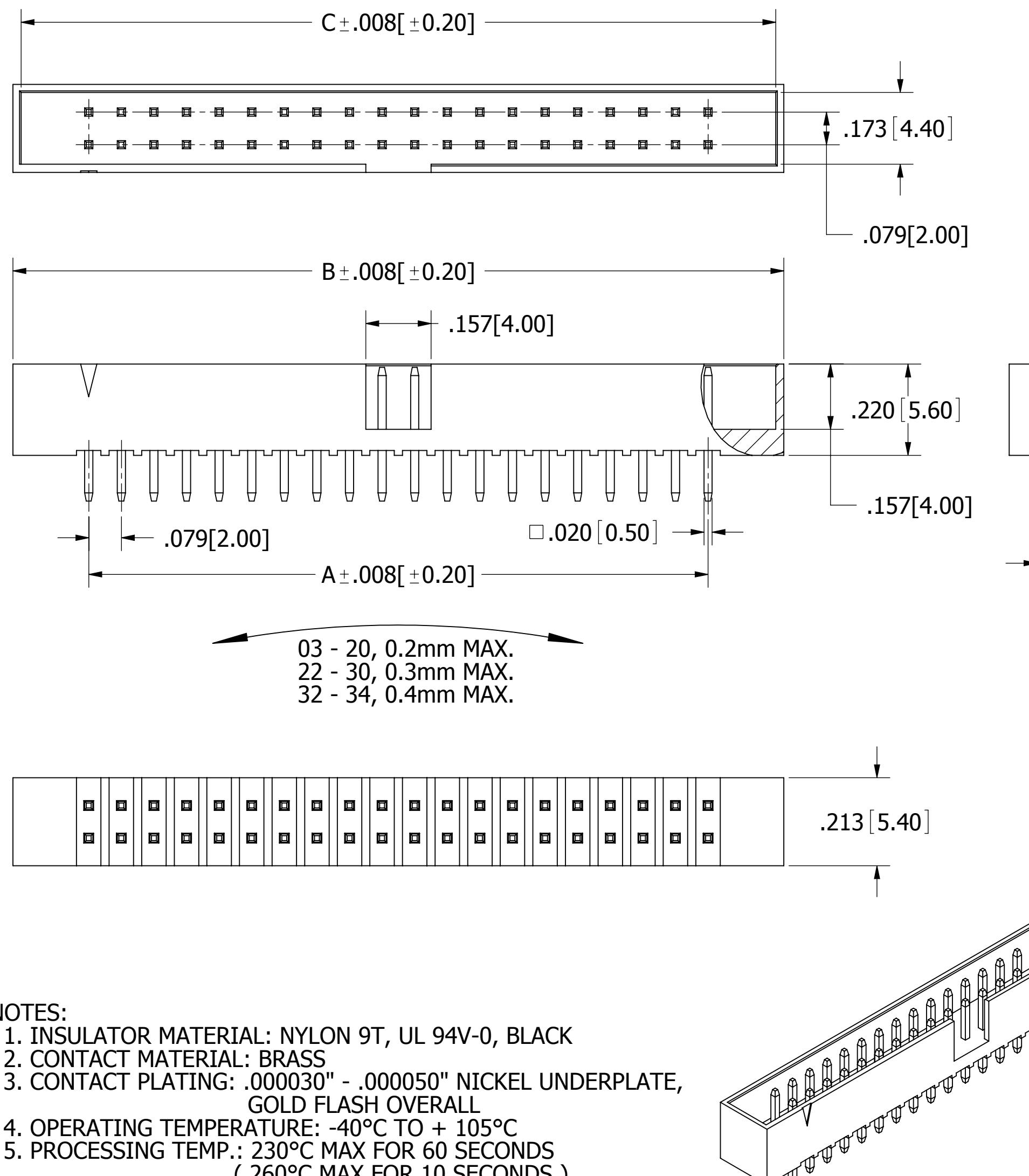


PART NUMBER CODING

SBH21-NBPN-D__-ST-BK

NUMBER OF POSITIONS

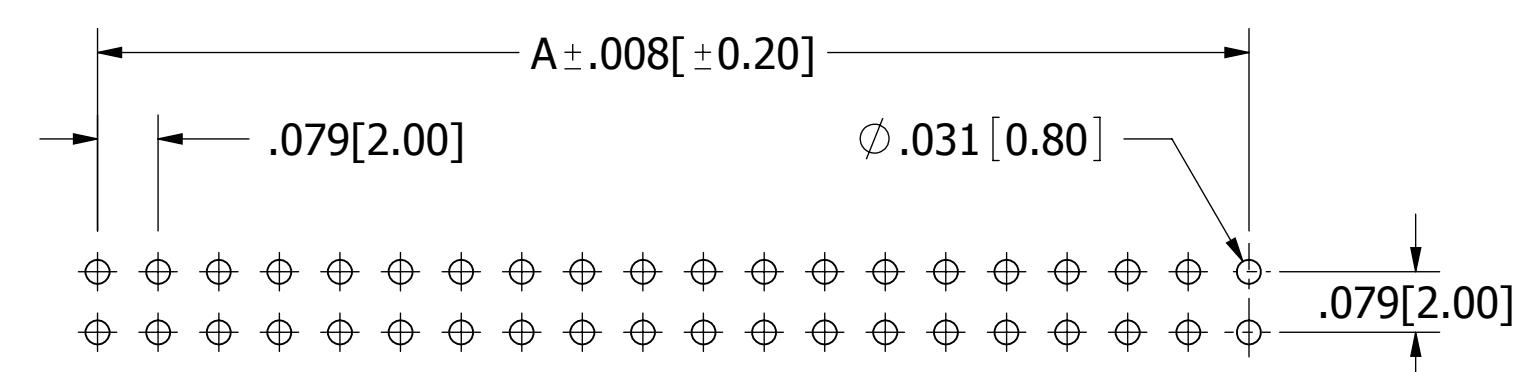
(CONTACTS PER ROW)



NOTES:

1. INSULATOR MATERIAL: NYLON 9T, UL 94V-0, BLACK
2. CONTACT MATERIAL: BRASS
3. CONTACT PLATING: .000030" - .000050" NICKEL UNDERPLATE, GOLD FLASH OVERALL
4. OPERATING TEMPERATURE: -40°C TO + 105°C
5. PROCESSING TEMP.: 230°C MAX FOR 60 SECONDS
(260°C MAX FOR 10 SECONDS)
6. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
7. CURRENT RATING: 2 AMPS
8. DIELECTRIC WITHSTANDING: 500 VAC
9. INSULATOR RESISTANCE: 5,000 MEGOHMS MIN.
10. MATES WITH SFH21 & SFH213 IDC SOCKET SERIES
11. MATES WITH xPPNxx2FFKx-RC FEMALE HEADER SERIES

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
D	2105	ADD BOX INSIDE DEPTH 4.0mm, NOTE 10, MATED COMPONENTS & HEIGHT ON SHEET 2, UPDATE PCB LAYOUT TOL. & AVAILABLE POSITION NUMBERS.	04/29/2010	LH
E	2835	UPGRADE INSULATOR MATERIAL NYLON 9T(WAS NYLON 6T), AND ADD WARP TOLERANCE & ADD NOTE 11 AND MATES xPPNxx2FFKx-RC OF VIEW ON PAGE 2, UPDATE NOTE 4(WAS OPERATING TEMP. - 40°C TO +85°C) & NOTE 9(WAS INSULATOR RESISTANCE: 1000 MEGOHMS MIN.)	04/07/2014	LH
F	3219	UPDATE INSULATOR COLOR OPTIONS AND TOLERANCE OF DIMENSION 'A', ADD 19 POSITION TO DIM TABLE	05/12/2015	LH/MG

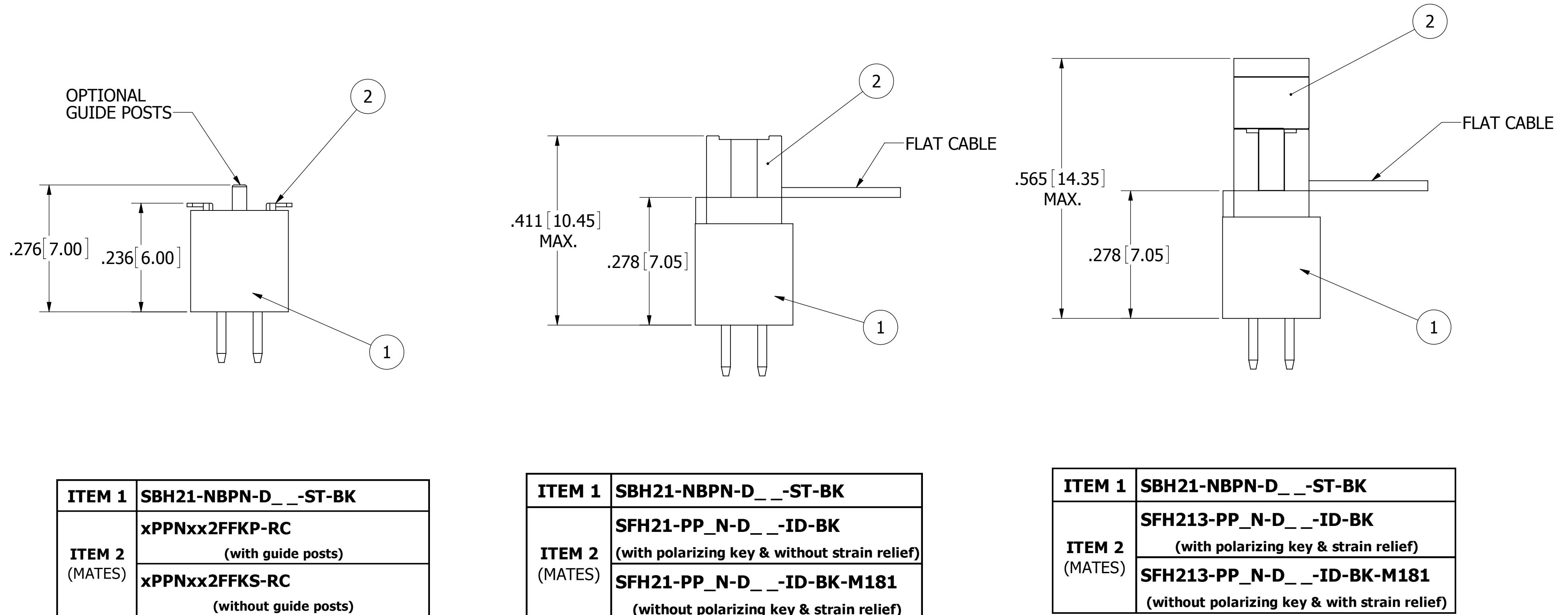


RECOMMENDED PCB LAYOUT

PART NUMBER	POSITIONS/ CONTACTS	A		B		C	
		INCH	MM	INCH	MM	INCH	MM
SBH21-NBPN-D03-ST-BK	03/06	0.157	4.00	0.524	13.30	0.484	12.30
SBH21-NBPN-D04-ST-BK	04/08	0.236	6.00	0.602	15.30	0.563	14.30
SBH21-NBPN-D05-ST-BK	05/10	0.315	8.00	0.681	17.30	0.642	16.30
SBH21-NBPN-D06-ST-BK	06/12	0.394	10.00	0.760	19.30	0.720	18.30
SBH21-NBPN-D07-ST-BK	07/14	0.472	12.00	0.839	21.30	0.799	20.30
SBH21-NBPN-D08-ST-BK	08/16	0.551	14.00	0.917	23.30	0.878	22.30
SBH21-NBPN-D09-ST-BK	09/18	0.630	16.00	0.996	25.30	0.957	24.30
SBH21-NBPN-D10-ST-BK	10/20	0.709	18.00	1.075	27.30	1.035	26.30
SBH21-NBPN-D11-ST-BK	11/22	0.787	20.00	1.154	29.30	1.114	28.30
SBH21-NBPN-D12-ST-BK	12/24	0.866	22.00	1.232	31.30	1.193	30.30
SBH21-NBPN-D13-ST-BK	13/26	0.945	24.00	1.311	33.30	1.272	32.30
SBH21-NBPN-D14-ST-BK	14/28	1.024	26.00	1.390	35.30	1.350	34.30
SBH21-NBPN-D15-ST-BK	15/30	1.102	28.00	1.469	37.30	1.429	36.30
SBH21-NBPN-D16-ST-BK	16/32	1.181	30.00	1.547	39.30	1.508	38.30
SBH21-NBPN-D17-ST-BK	17/34	1.260	32.00	1.626	41.30	1.587	40.30
SBH21-NBPN-D18-ST-BK	18/36	1.339	34.00	1.705	43.30	1.665	42.30
SBH21-NBPN-D19-ST-BK	19/38	1.417	36.00	1.783	45.30	1.744	44.30
SBH21-NBPN-D20-ST-BK	20/40	1.496	38.00	1.862	47.30	1.823	46.30
SBH21-NBPN-D22-ST-BK	22/44	1.654	42.00	2.020	51.30	1.980	50.30
SBH21-NBPN-D25-ST-BK	25/50	1.890	48.00	2.256	57.30	2.217	56.30
SBH21-NBPN-D30-ST-BK	30/60	2.283	58.00	2.650	67.30	2.610	66.30
SBH21-NBPN-D32-ST-BK	32/64	2.441	62.00	2.807	71.30	2.768	70.30
SBH21-NBPN-D34-ST-BK	34/68	2.598	66.00	2.965	75.30	2.925	74.30



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME
	05/15/08	VJ	
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TOLERANCES: ANGULAR: ± 1° DECIMALS XX=± .01 [.3] XXX=± .008 [.20] XXXX=± .0040 [.100]		TITLE BOX HEADER, .079[2.00] CC/RS, ST	
		PART NUMBER SBH21-NBPN-D__-ST-BK	
		SIZE	CAGE CODE
		C	54453
		DWG. NO.	11095
SCALE: 4:1		REV F	
SHEET 1 OF 2			



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
 ANGULAR: $\pm 1^\circ$
 DECIMALS
 $XX = \pm .01 [3]$
 $XXX = \pm .008 [20]$
 $XXXX = \pm .0040 [100]$

DRAWN DATE NAME
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 OFFICER OF SULLINS ELECTRONICS.

TITLE **BOX HEADER, .079[2.00] CC/RS, ST**
 PART NUMBER **SBH21-NBPN-D__-ST-BK**
 SIZE CAGE CODE DWG. NO. REV
 SCALE: 4:1 SHEET 2 OF 2

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