

RoHS

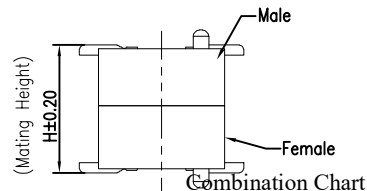
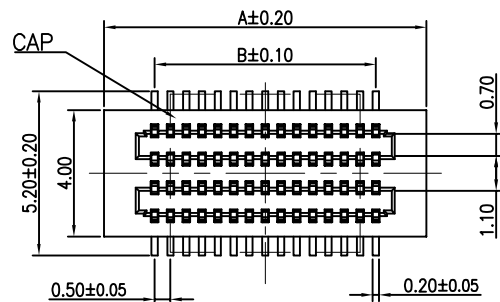
Mating Height(H)	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
Female(H1)		1.40				2.00		
Female(H2)		2.10				3.50		
Male(H1)	0.90	1.40	1.90	1.00	1.50	2.00	2.50	3.00

SPECIFICATIONS

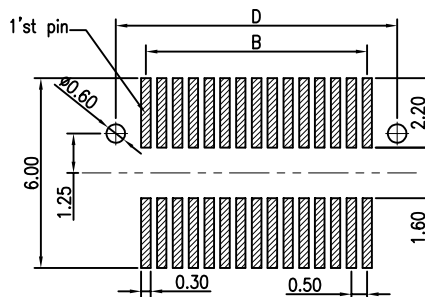
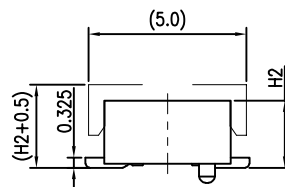
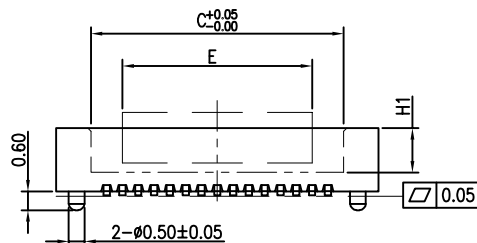
- Current Rating:0.3A
- Voltage Rating:30V AC/DC
- Contact Resistance:100mΩ Max
- Insulation Resistance:50MΩ Min
- Withstanding Voltage:100V AC/Minute
- Temperature Range : -35°C ~ +85°C
- Housing: LCP (UL94V-0) Black
- Terminal:Phosphor Bronze
- Plating: Gold Plated
- Overall 50~100μ" Nickel Under Plated

Ordering Information									
50BTB	DHxx	FVSF	-	2xx	G	F	1	BK	118
Mated High H300=3.00mm H500=5.00mm H350=3.50mm H550=5.50mm H400=4.00mm H600=6.00mm H450=4.50mm H650=6.50mm		Model FVS=Female WV		No. of Pins 40=2X20P		Plating S=Tin Plated F=Gold Flash/Tin G=Gold		Material F=LCP	
								Package 0=PE Bag 1=Tape&Reel 2=Tube 3=Tray	
								Color BK=Black	

PIN	Dimensions				PIN	Dimensions			
	A	B	C	D		A	B	C	D
8(2*4)	4.70	1.50	2.50	3.40	66(2*33)	19.20	16.00	17.00	17.90
10(2*5)	5.20	2.00	3.00	3.90	68(2*34)	19.70	16.50	17.50	18.40
12(2*6)	5.70	2.50	3.50	4.40	70(2*35)	20.20	17.00	18.00	18.90
14(2*7)	6.20	3.00	4.00	4.90	72(2*36)	20.70	17.50	18.50	19.40
16(2*8)	6.70	3.50	4.50	5.40	74(2*37)	21.20	18.00	19.00	19.90
18(2*9)	7.20	4.00	5.00	5.90	76(2*38)	21.70	18.50	19.50	20.40
20(2*10)	7.70	4.50	5.50	6.40	78(2*39)	22.20	19.00	20.00	20.90
22(2*11)	8.20	5.00	6.00	6.90	80(2*40)	22.70	19.50	20.50	21.40
24(2*12)	8.70	5.50	6.50	7.40	82(2*41)	23.20	20.00	21.00	21.90
26(2*13)	9.20	6.00	7.00	7.90	84(2*42)	23.70	20.50	21.50	22.40
28(2*14)	9.70	6.50	7.50	8.40	86(2*43)	24.20	21.00	22.00	22.90
30(2*15)	10.20	7.00	8.00	8.90	88(2*44)	24.70	21.50	22.50	23.40
32(2*16)	10.70	7.50	8.50	9.40	90(2*45)	25.20	22.00	23.00	23.90
34(2*17)	11.20	8.00	9.00	9.90	92(2*46)	25.70	22.50	23.50	24.40
36(2*18)	11.70	8.50	9.50	10.40	94(2*47)	26.20	23.00	24.00	24.90
38(2*19)	12.20	9.00	10.00	10.90	96(2*48)	26.70	23.50	24.50	25.40
40(2*20)	12.70	9.50	10.50	11.40	98(2*49)	27.20	24.00	25.00	25.90
42(2*21)	13.20	10.00	11.00	11.90	100(2*50)	27.70	24.50	25.50	26.40
44(2*22)	13.70	10.50	11.50	12.40	102(2*51)	28.20	25.00	26.00	26.90
46(2*23)	14.20	11.00	12.00	12.90	104(2*52)	28.70	25.50	26.50	27.40
48(2*24)	14.70	11.50	12.50	13.40	106(2*53)	29.20	26.00	27.00	27.90
50(2*25)	15.20	12.00	13.00	13.90	108(2*54)	29.70	26.50	27.50	28.40
52(2*26)	15.70	12.50	13.50	14.40	110(2*55)	30.20	27.00	28.00	28.90
54(2*27)	16.20	13.00	14.00	14.90	112(2*56)	30.70	27.50	28.50	29.40
56(2*28)	16.70	13.50	14.50	15.40	114(2*57)	31.20	28.00	29.00	29.90
58(2*29)	17.20	14.00	15.00	15.90	116(2*58)	31.70	28.50	29.50	30.40
60(2*30)	17.70	14.50	15.50	16.40	118(2*59)	32.20	29.00	30.00	30.90
62(2*31)	18.20	15.00	16.00	16.90	120(2*60)	32.70	29.50	30.50	31.40
64(2*32)	18.70	15.50	16.50	17.40					



Combination Chart



RECOMMENDED PCB LAYOUT

E	4.5 (2*4P-2*6P)
	6.0 (2*7P-2*60P)

SCONDAR ELECTRONIC, LTD
ENGINEER 20241008

OPERATION	
X.X	±0.35
X.XX	±0.25
X.XXX	±0.15
Angle	± 3'
DIM	TOL

DRAW	
DESIGN	
CHECK	Lisa
APPROVE	

Xiong

2017.11.02

SCALE

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UNIT

mm

SIZE

A4

SHEET

1/1

PROJ.

TITLE:

SCONDAR ELECTRONIC LIMITED

PART NO.

50BTBDHxxxFVSF-2xxGF1BK118

0.5mm Board to board H=xxx Double card slot SMT 180° LCP Black Female Socket Gold Plated 2xxPin With-pillar CAP Reel

MODIFICATION DESCRIPTION

CHANGE

APPROVE