

F

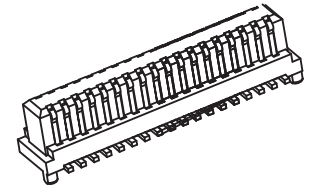
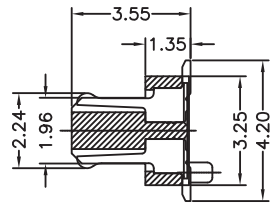
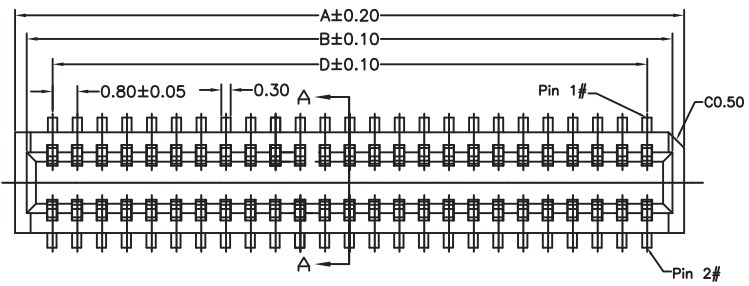
E

D

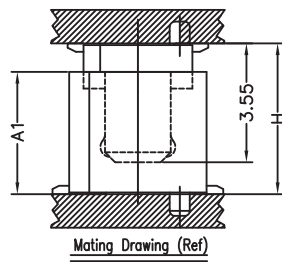
C

B

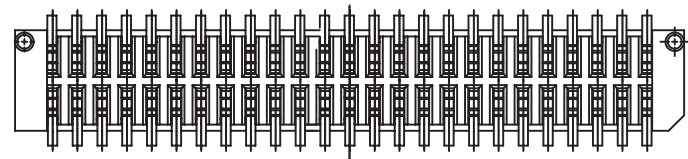
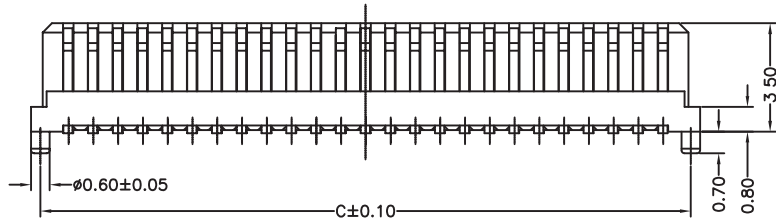
A



Specifications
 Current Rating:0.5A AC/DC
 Voltage Rating:100V AC/DC
 Contact Resistance:40m ohm, Max
 Insulation Resistance:100Mohm min
 Withstanding Voltage:500V(r.m.s) For one Min
 Operating Temperature Range:-40°C to 105°C
 Material and Finish
 Insulator:High Temp. Plastic(Nylon 46 UL94V-
 Color:White
 Contact :Phosphor Bronze
 Plated:Gold Plated
 Package :1000pcs/Reel
 How To Order:
 2BF-0XX1 -111



Gold Plated
 Height 3.55mm
 No. of Contacts

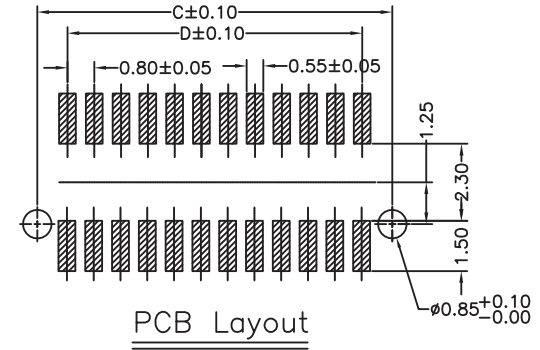


Contacts Dimension :

Number of Position	A	B	C	D	Number of Position	A	B	C	D
10	5.60	4.85	5.00	3.20	34	15.20	14.45	14.60	12.80
12	6.40	5.65	5.80	4.00	36	16.00	15.25	15.40	13.60
14	7.20	6.45	6.60	4.80	38	16.80	16.05	16.20	14.40
16	8.00	7.25	7.40	5.60	40	17.60	16.85	17.00	15.20
18	8.80	8.05	8.20	6.40	50	21.60	20.85	21.00	19.20
20	9.60	8.85	9.00	7.20	60	25.60	24.85	25.00	23.20
22	10.40	9.65	9.80	8.00	68	28.80	28.05	28.20	26.40
24	11.20	10.45	10.60	8.80	70	29.60	28.85	29.00	27.20
26	12.00	11.25	11.40	9.60	80	33.60	32.85	33.00	31.20
28	12.80	12.05	12.20	10.40	90	37.60	36.85	37.00	35.20
30	13.60	12.85	13.00	11.20					
32	14.40	13.65	13.80	12.00					

****Mating Height Dimension**

P/N(Plug)	P/N(Socket)	Mating Height Dim A1	Mating Height Dim H
2BM-OXX1-1XX	2BF-OXX1-1XX	3.65	4.50
2BM-OXX2-1XX	2BF-OXX1-1XX	4.15	5.00
2BM-OXX3-1XX	2BF-OXX1-1XX	5.15	6.00
2BM-OXX4-1XX	2BF-OXX1-1XX	5.65	6.50
2BM-OXX5-1XX	2BF-OXX1-1XX	4.70	5.65



PCB Layout

UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd.			
DECIMALS:	ANGLES:	TITLE	0.8mm Board To Board Socket 3.55mm Height SMT Type		
X : ±0.5	X : ±2°	DWN	JOHNSON 20/07-14	PART NO. 2BF-0xx1-111	
X.X : ±0.3	X.X : ±1°	CHKD	JOHNSON 20/07-14	SCALE 1:1	UNIT: mm
X.XX : ±0.2		APVD	Michael 20/07-14	SIZE: A3	SHEET: 1 OF 1
				REV: X1	
CUSTOMER COPY					

X1	NEW RELEASE	JOHNSON	Michael
REV.	MODIFIED DESCRIPTION	CHECKED	APPROVED