

REV.	ECN Number	Description	Drawn
1	CS17110062	RELEASE	XPG_2017.11.21
2	E18120025	Modify Packing	SJ_2018.12.21
3	E19070005	Modify Dim. C Tolerance	Peak_2019.07.04
④	E22020008	Add Packing Code "R"	Jesse_2021.12.22

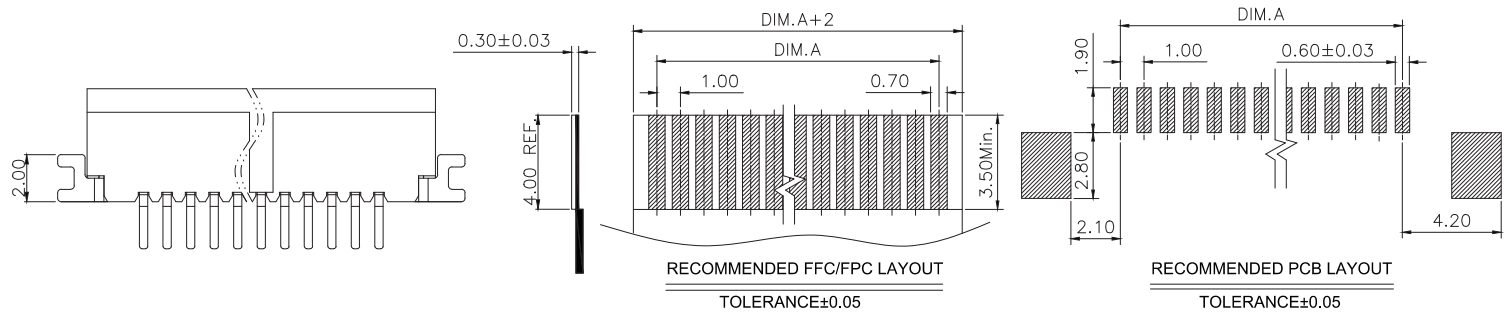
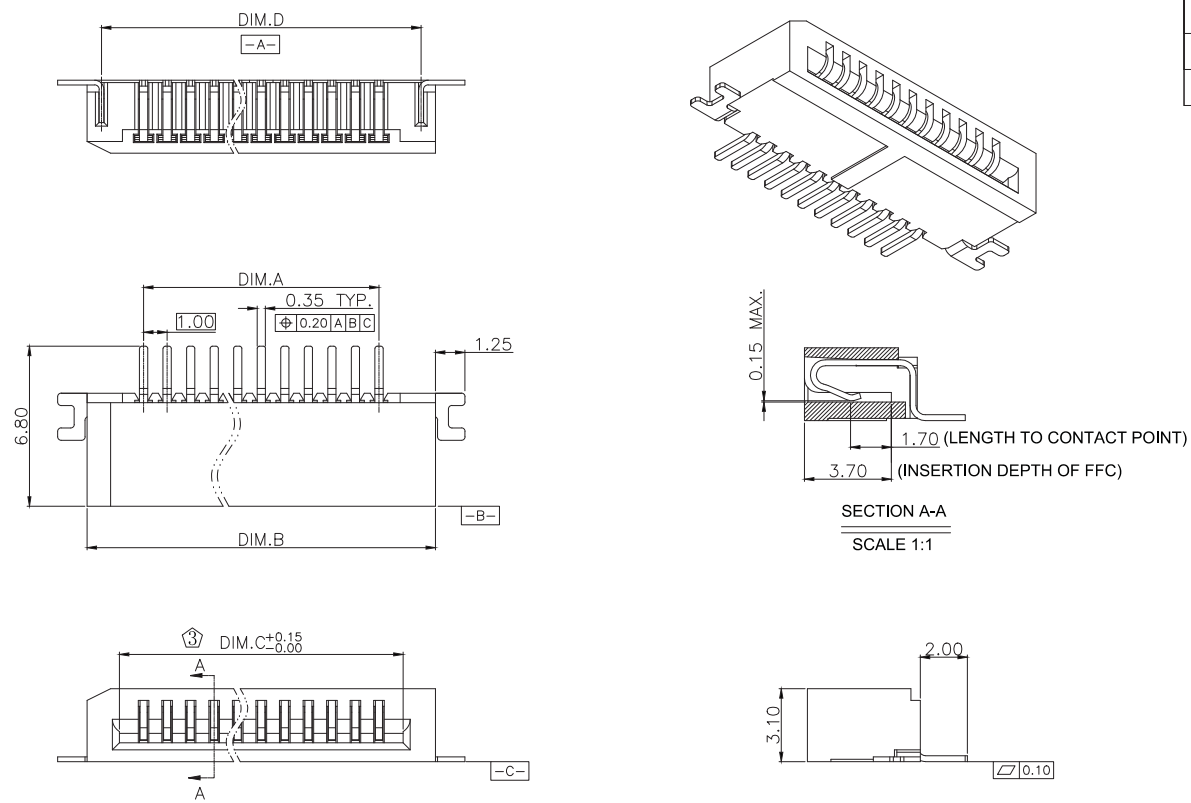
- NOTES:
- DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
  - MATERIAL:  
HOUSING: HIGH TEMPERATURE PLASTICS, NATURAL, UL 94V-0.  
CONTACT: PHOSPHOR BRONZE.  
CILP: COPPER ALLOY.
  - ELECTRICAL SPECIFICATION:  
CONTACT RESISTANCE: 30 m ohms MAX. INITIAL.  
INSULATION RESISTANCE: 100M ohms MIN.  
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC  
CURRENT RATING: 1.0A.
  - MECHANICAL SPECIFICATION:  
INSERTION FORCE: 150g MAX. PER PIN.  
WITHDRAW FORCE: 30g MIN. PER PIN.  
DURABILITY: 20 CYCLES MIN.
  - OPERATING TEMPERATURE: -40°C To +85°C.
  - PRODUCT NUMBER MATRIX:

**FB 35 - XX N 0 - X H X**

FPC/FFC Series Code  
1.00 Pitch  
R/A SMT  
PIN No.  
3.3PIN--30:30PIN  
N:No Lock  
0:Without Locating Peg

Packing ④  
H:Halogen free  
Plating  
S:HOT SEALING REEL  
R:REEL

Definition	Code
⊙ Matte Tin plated	A
⊙ Bright Tin plated	V
⊙ Gold plated over all	
	Flash K 1u" S 3u" L
	5u" M 10u" N 15u" P
	20u" Q 25u" T 30u" U
	⊙ All plated is lead free.



CKT	DIM.A	DIM.B	DIM.C	DIM.D	CKT	DIM.A	DIM.B	DIM.C	DIM.D
3	2.00	6.80	4.05	5.58	17	16.00	20.80	18.05	19.58
4	3.00	7.80	5.05	6.58	18	17.00	21.80	19.05	20.58
5	4.00	8.80	6.05	7.58	19	18.00	22.80	20.05	21.58
6	5.00	9.80	7.05	8.58	20	19.00	23.80	21.05	22.58
7	6.00	10.80	8.05	9.58	21	20.00	24.80	22.05	23.58
8	7.00	11.80	9.05	10.58	22	21.00	25.80	23.05	24.58
9	8.00	12.80	10.05	11.58	23	22.00	26.80	24.05	25.58
10	9.00	13.80	11.05	12.58	24	23.00	27.80	25.05	26.58
11	10.00	14.80	12.05	13.58	25	24.00	28.80	26.05	27.58
12	11.00	15.80	13.05	14.58	26	25.00	29.80	27.05	28.58
13	12.00	16.80	14.05	15.58	27	26.00	30.80	28.05	29.58
14	13.00	17.80	15.05	16.58	28	27.00	31.80	29.05	30.58
15	14.00	18.80	16.05	17.58	29	28.00	32.80	30.05	31.58
16	15.00	19.80	17.05	18.58	30	29.00	33.80	31.05	32.58



TOLERANCE UNLESS OTHERWISE SPECIFIED			
X. X	±0.30	X. °	±3°
X. XX	±0.20	X. X°	±2°
X. XXX		X. XX°	±1°

SCALE 1:1  
UNIT mm  
SIZE A4

ORIGINAL DRAWN: Jesse Lu  
CHECK: Wolfe Liu  
APPROVE: Wolfe Liu

DATE 2021.12.22  
DATE 2021.12.22  
DATE 2021.12.22

DWG. NO. 600-0000-0341  
PARTS NO. (INTENDED USE) FB35-XXN0-XHX

TITLE FB35 CUSTOMER DRAWING

REV. 4  
SHEET 1/1