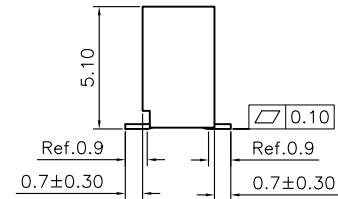
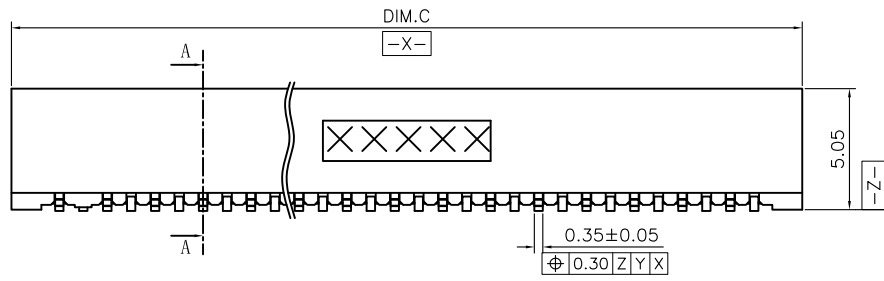
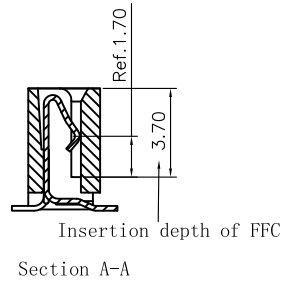
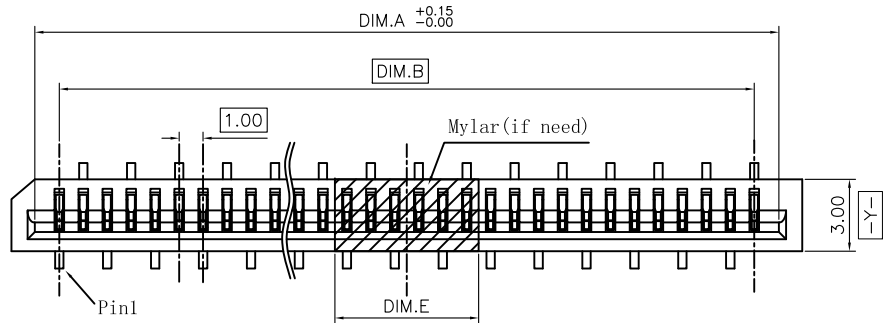
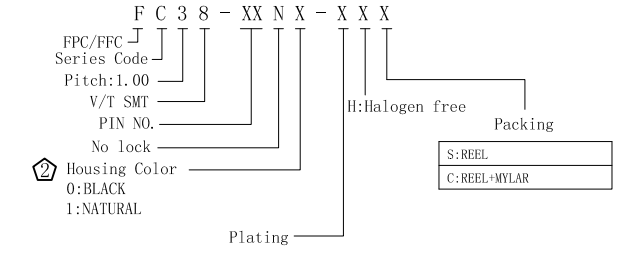


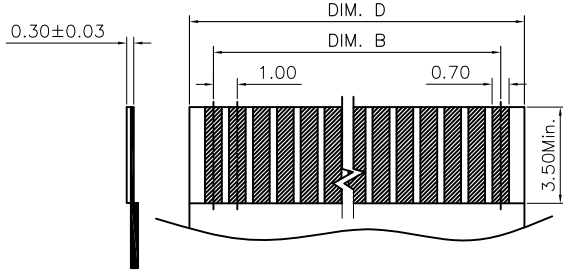
| REV. | ECN Number | Description | Drawn |
|------|------------|------------------------------|-----------------|
| 1 | CS18010102 | RELEASE | XPG_2018.01.30 |
| ⑤ | E19100023 | Modify product number matrix | Peak_2019.10.25 |



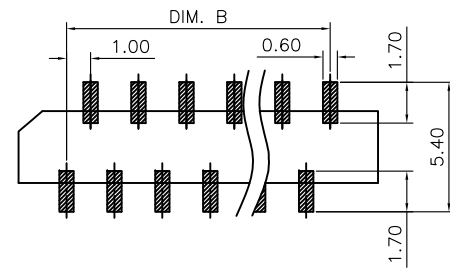
- Notes: (Unless otherwise specified)
- Dimension shall be interpreted per ANSI Y14.5M-1994.
 - Material:
 - Housing: High temperature plastic, UL94V-0
 - Contact: Copper alloy T=0.20mm.
 - Electrical specification:
 - Contact resistance: 30m ohm max. (initial) and 50m ohm Max. (after durability)
 - Insulation resistance: 100M ohm min..
 - Dielectric withstanding voltage: AC500V.
 - Current rating: 1.0A
 - Operating temperature: -25°C ~+85°C
 - Mechanical specification:
 - FFC inserion force: 150gf max. per pin.
 - FFC withdraw force: 30gf min. per pin.
 - Durability: 20 cycles.
 - Product number matrix:



| Definition | Code | | | | |
|------------------------|-----------------|--------|----------------------------|--------|--------|
| ☉ Matte Tin plated | A | | | | |
| ☉ Bright Tin plated | V | | | | |
| ☉ Gold plated over all | ☉ Duplex plated | | | | |
| flash B | 1u" R | 3u" C | 5u" M | 10u" N | 15u" P |
| 5u" D | 10u" E | 15u" F | 20u" Q | 25u" T | 30u" U |
| 20u" G | 25u" H | 30u" J | ☉ All plated is lead free. | | |



RECOMMENDED FFC LAYOUT
TOLERANCE ± 0.05



RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05

| PIN NO. | DIM.A | DIM.B | DIM.C | DIM.D | DIM.E | PIN NO. | DIM.A | DIM.B | DIM.C | DIM.D | DIM.E |
|---------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|
| 16 | 17.05 | 15.00 | 19.00 | 17.00 | 6.00 | 30 | 31.05 | 29.00 | 33.00 | 31.00 | 6.00 |
| 15 | 16.05 | 14.00 | 18.00 | 16.00 | 6.00 | 29 | 30.05 | 28.00 | 32.00 | 30.00 | 6.00 |
| 14 | 15.05 | 13.00 | 17.00 | 15.00 | 6.00 | 28 | 29.05 | 27.00 | 31.00 | 29.00 | 6.00 |
| 13 | 14.05 | 12.00 | 16.00 | 14.00 | 6.00 | 27 | 28.05 | 26.00 | 30.00 | 28.00 | 6.00 |
| 12 | 13.05 | 11.00 | 15.00 | 13.00 | 6.00 | 26 | 27.05 | 25.00 | 29.00 | 27.00 | 6.00 |
| 11 | 12.05 | 10.00 | 14.00 | 12.00 | 6.00 | 25 | 26.05 | 24.00 | 28.00 | 26.00 | 6.00 |
| 10 | 11.05 | 9.00 | 13.00 | 11.00 | 6.00 | 24 | 25.05 | 23.00 | 27.00 | 25.00 | 6.00 |
| 9 | 10.05 | 8.00 | 12.00 | 10.00 | 6.00 | 23 | 24.05 | 22.00 | 26.00 | 24.00 | 6.00 |
| 8 | 9.05 | 7.00 | 11.00 | 9.00 | 6.00 | 22 | 23.05 | 21.00 | 25.00 | 23.00 | 6.00 |
| 7 | 8.05 | 6.00 | 10.00 | 8.00 | 6.00 | 21 | 22.05 | 20.00 | 24.00 | 22.00 | 6.00 |
| 6 | 7.05 | 5.00 | 9.00 | 7.00 | 6.00 | 20 | 21.05 | 19.00 | 23.00 | 21.00 | 6.00 |
| 5 | 6.05 | 4.00 | 8.00 | 6.00 | 6.00 | 19 | 20.05 | 18.00 | 22.00 | 20.00 | 6.00 |
| 4 | 5.05 | 3.00 | 7.00 | 5.00 | 4.00 | 18 | 19.05 | 17.00 | 21.00 | 19.00 | 6.00 |
| | | | | | | 17 | 18.05 | 16.00 | 20.00 | 18.00 | 6.00 |

| PART NO. CONTRAST | |
|-------------------|---------------|
| OLD PART NO. | NEW PART NO. |
| FL38-XXXX-02 | FC38-XXN0-XXX |



| 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: Peak
 CHECK: Xu peiguang
 APPROVE: Ady zhou

DATE: 2019.10.25
 DATE: 2019.10.25
 DATE: 2019.10.25

DWG. NO. 600-0000-0348
 PARTS NO. (INTENDED USE) FC38-XXN0-XXH

TITLE: FC38 CUSTOMER DRAWING

REV. 2
 SHEET 1/1

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