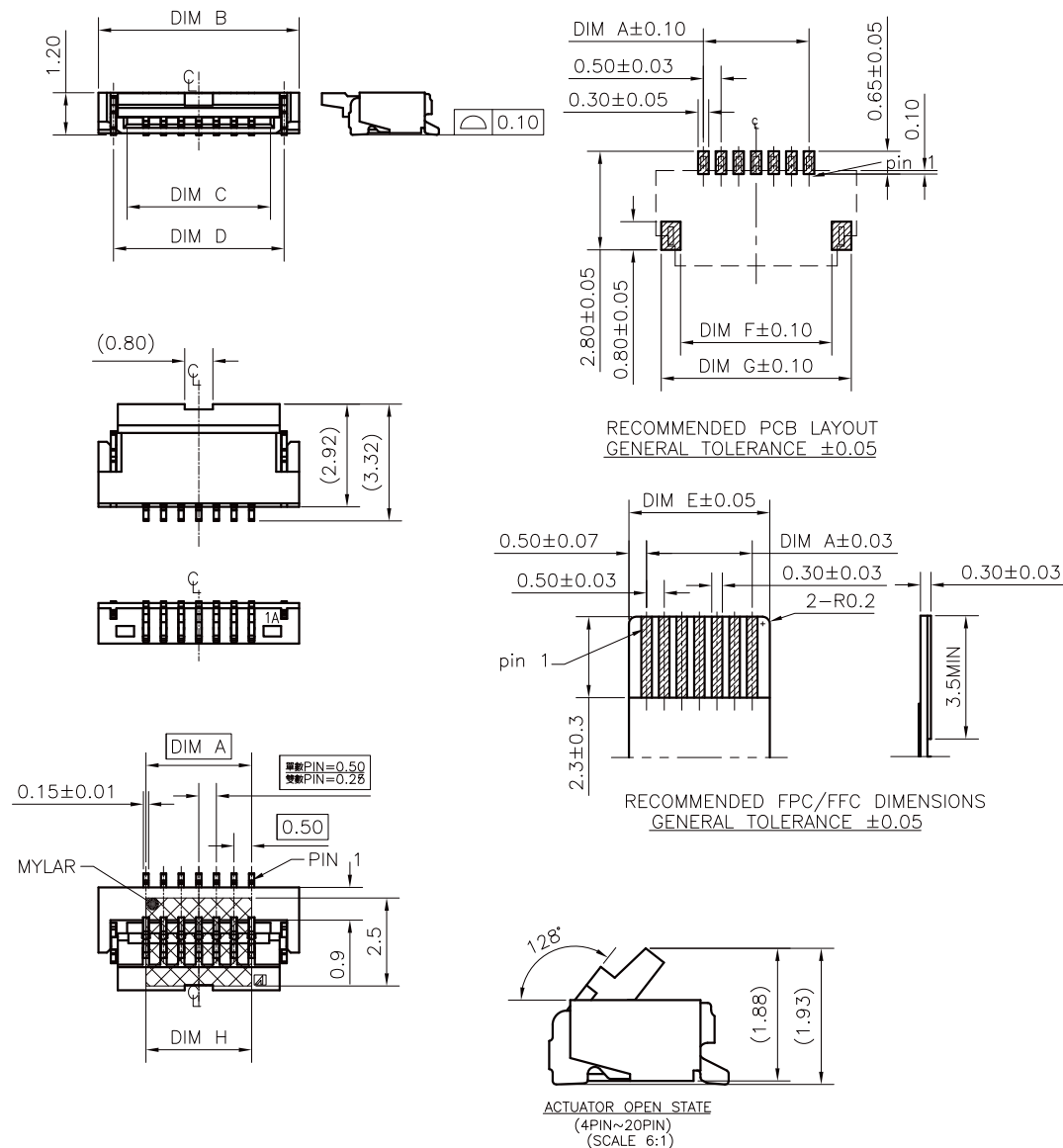




NOTES:

1. MATERIAL:

1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0.

1.2 ACTUATOR: THERMOPLASTIC, HIGH TEMP., UL94V-0.

1.3 CONTACT: COPPER ALLOY

1.4 FITTING NAIL: COPPER ALLOY

2. FINISH:

2.1 CONTACT:

50~100u" NICKEL UNDERPLATING OVERALL.

1:GOLD FLASH PLATING.

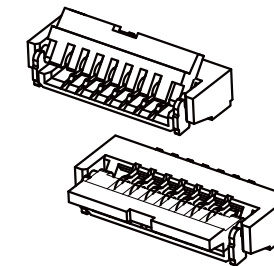
N:80~120u" MATT TIN PLATING

2.2 FITTING NAIL:

100~200u" MATT TIN PLATING ON SOLDER TAILS(LEAD FREE).

50~100u" NICKEL UNDERPLATING OVERALL.

3. REFLOW SOLDER CAPABLE TO 260°C



CKT	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H
04	1.50	4.20	2.57	3.35	2.50	2.80	3.90	3.0

RoHS Compliant

TOLERANCES ARE

DRAWING BY CY

X. ± 0.50

CHECKED BY GENIUS

.X ± 0.25

UNIT / mm

SCALE 1 : 1

.XX ± 0.15

DATE

.XXX ± 0.10

ANG ± 2°

SIZE A4

PPOJECTION

照片框

ORDER INFORMATION

FPV-WHB12R-xx-LF

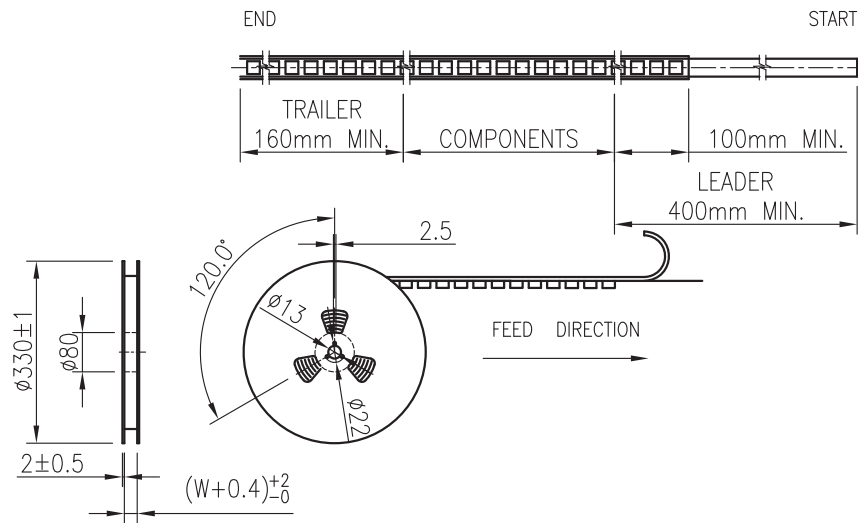
SERIES
LEADFREE
04~50WAY
REEL
HIGH 1.20mm
BOTTOM CONTACT
HINGED ZIF

DESCRIPTION: 0.5 PITCH EASY ON FPC H=1.2mm TYPE

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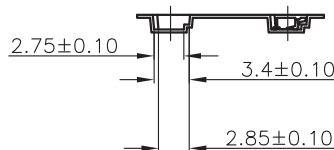
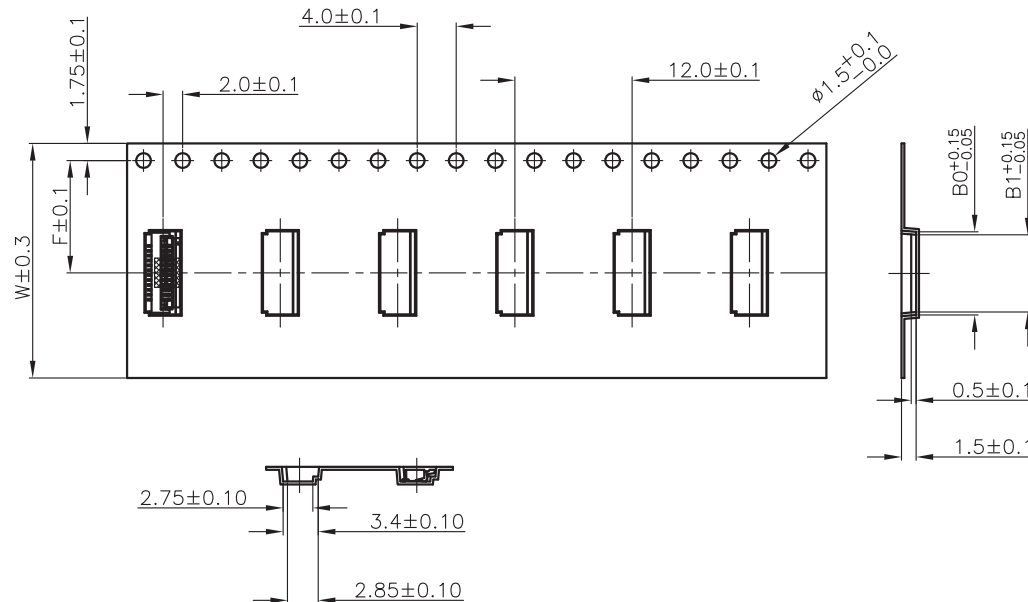
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CKTS	W	F	S	B0	B1
4	16	7.5		4.5	3.3
6	16	7.5		5.5	4.3
8	24	11.5		6.5	5.3

NOTES:

1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE: $\pm 0.20\text{mm}$
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 100mm.
3. ALL DIMENSIONS MEET EIA-481 REQUIREMENTS.
4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
5. THICKNESS: $0.30 \pm 0.10\text{ mm}$.
6. PACKING LENGTH PER 13" REEL : 37 METERS.
7. COMPONENT LOAD PER 13" REEL : 3000PCS
8. THE PRODUCT SHOULD PUT THE SAME POSITION



RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X. ± 0.50

.X ± 0.25

.XX ± 0.15

.XXX ± 0.10

ANG $\pm 2^\circ$

PPOJECTION

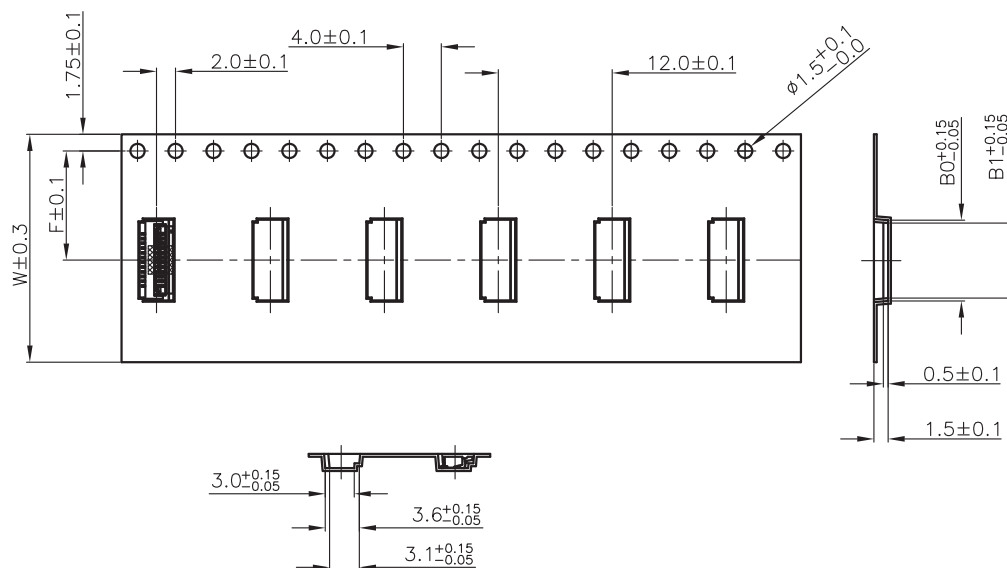
照片框

ORDER INFORMATION

FPV-WHB12R-xx-LF

SERIES
90°SMT
LEADFREE
04~50WAY
REEL
HIGH 1.20mm
BOTTOM CONTACT
HINGED ZIF

DESCRIPTION:



NOTES:

1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE:±0.20mm
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 100mm.
3. ALL DIMENSIONS MEET EIA-481 REQUIREMENTS.
4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
5. THICKNESS: 0.30 ± 0.10 mm.
6. PACKING LENGTH PER 13" REEL : 37 METERS.
7. COMPONENT LOAD PER 13" REEL : 3000PCS
8. THE PRODUCT SHOULD PUT THE SAME POSITION

1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE.±0.20mm
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 100mm.
3. ALL DIMENSIONS MEET EIA-481 REQUIREMENTS.
4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
5. THICKNESS: 0.30 ± 0.10 mm.
6. PACKING LENGTH PER 13" REEL : 37 METERS.
7. COMPONENT LOAD PER 13" REEL : 3000PCS
8. THE PRODUCT SHOULD PUT THE SAME POSITION

照片框

FPV-WHB12R-xx-LF

SERIES

LEADFREE

04~50WAY

REEL

HIGH 1.20mm

BOTTOM CONTACT

HINGED ZIF

90°SMT

DESCRIPTION:

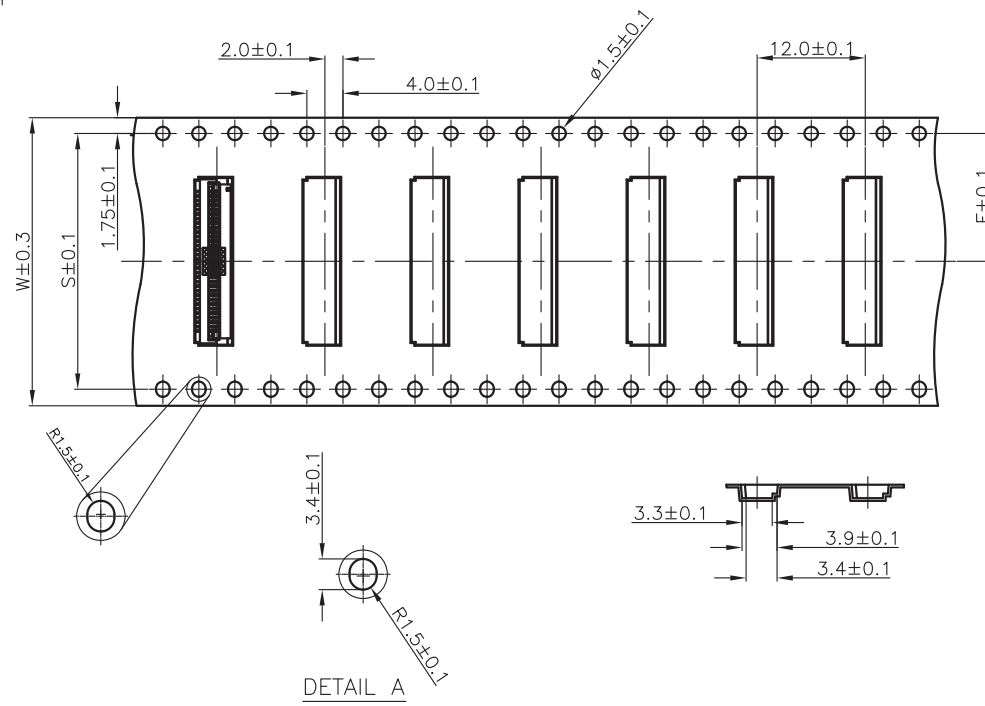
X. ± 0.50
.X ± 0.25
.XX ± 0.15
.XXX ± 0.10
ANG $\pm 2^\circ$

PJECTION 

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RoHS Compliant

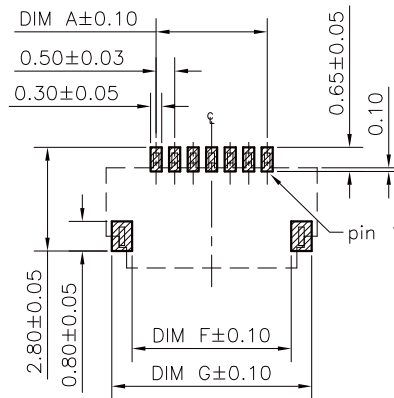
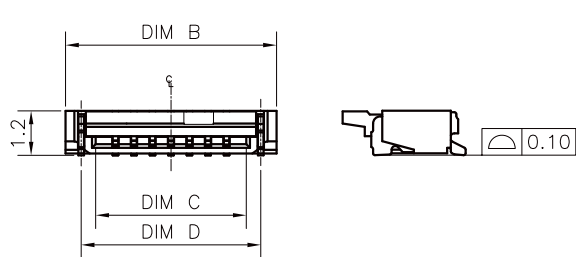


NOTES:

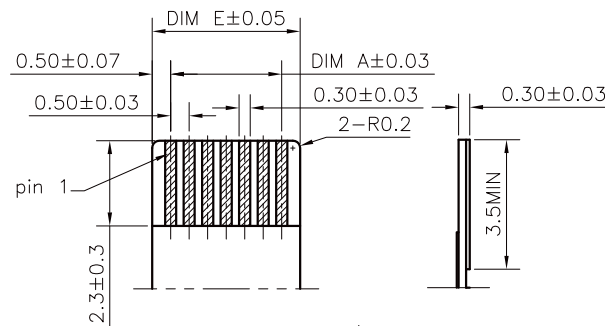
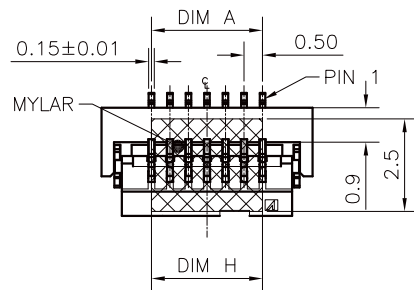
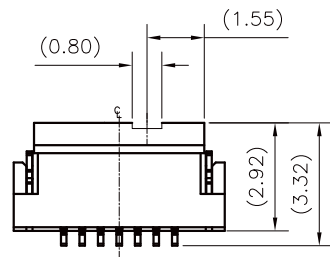
1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE.±0.20mm
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 100mm.
3. ALL DIMENSIONS MEET EIA-481 REQUIREMENTS.
4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
5. THICKNESS: 0.30 ± 0.10 mm.
6. PACKING LENGTH PER 13" REEL : 37 METERS
7. COMPONENT LOAD PER 13" REEL : 3000PCS
8. THE PRODUCT SHOULD PUT THE SAME POSITION

SERIES
90°SMT
HIGH 1.20mm
BOTTOM CONTACT
HINGED ZIF
LEADFREE
04~50WAY
REEL

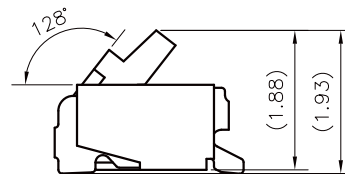
DESCRIPTION:



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05



RECOMMENDED FPC/FFC DIMENSIONS
GENERAL TOLERANCE ±0.05



ACTUATOR OPEN STATE
(4PIN~20PIN)
(SCALE 6:1)

NOTES:

1. MATERIAL:

1.1 HOUSING: THERMOPLASTIC, HIGH TEMP.,
UL94V-0.

1.2 ACTUATOR: THERMOPLASTIC, HIGH TEMP.,
UL94V-0.

1.3 CONTACT: COPPER ALLOY

1.4 FITTING NAIL: COPPER ALLOY

2. FINISH:

2.1 CONTACT:

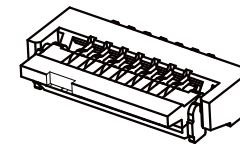
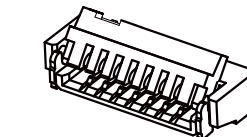
50~100u" NICKEL UNDERPLATING OVERALL.
1:GOLD FLASH PLATING.

N:80~120u" MATT TIN PLATING

2.2 FITTING NAIL:

100~200u" MATT TIN PLATING ON SOLDER TAILS(LEAD FREE).
50~100u" NICKEL UNDERPLATING OVERALL.

3. REFLOW SOLDER CAPABLE TO 260°C



CKT	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H
05	2.00	4.70	3.07	3.85	3.00	3.30	4.40	3.0
06	2.50	5.20	3.57	4.35	3.50	3.80	4.90	
07	3.00	5.70	4.07	4.85	4.00	4.30	5.40	
08	3.50	6.20	4.57	5.35	4.50	4.80	5.90	
09	4.00	6.70	5.07	5.85	5.00	5.30	6.40	
10	4.50	7.20	5.57	6.35	5.50	5.80	6.90	
11	5.00	7.70	6.07	6.85	6.00	6.30	7.40	
12	5.50	8.20	6.57	7.35	6.50	6.80	7.90	
13	6.00	8.70	7.07	7.85	7.00	7.30	8.40	
14	6.50	9.20	7.57	8.35	7.50	7.80	8.90	
15	7.00	9.70	8.07	8.85	8.00	8.30	9.40	6.0
16	7.50	10.20	8.57	9.35	8.50	8.80	9.90	
17	8.00	10.70	9.07	9.85	9.00	9.30	10.40	
18	8.50	11.20	9.57	10.35	9.50	9.80	10.90	
19	9.00	11.70	10.07	10.85	10.00	10.30	11.40	
20	9.50	12.20	10.57	11.35	10.50	10.80	11.90	

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TOLERANCES ARE

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PCB CONNECTORS
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1:1

DATE

SIZE A4

PPOJECTION

X ± 0.50
X ± 0.25
.XX ± 0.15
.XXX ± 0.10
ANG ± 2°

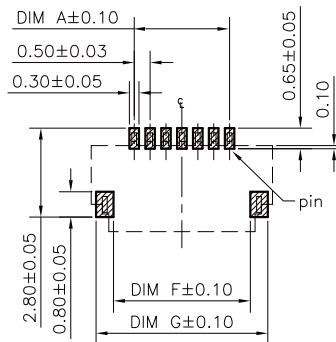
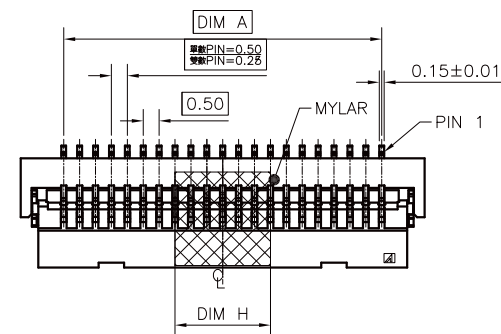
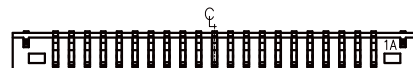
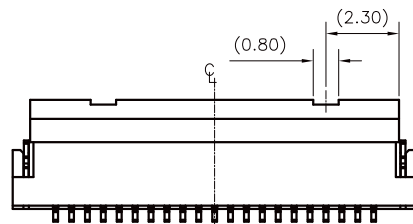
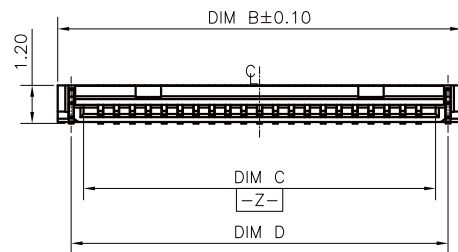
照片框

ORDER INFORMATION

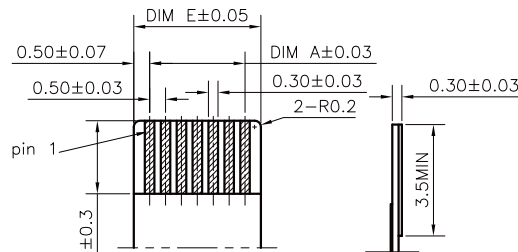
FPV-WHB12R-xx-LF

SERIES
LEADFREE
04~50WAY
REEL
HIGH 1.20mm
BOTTOM CONTACT
HINGED ZIF

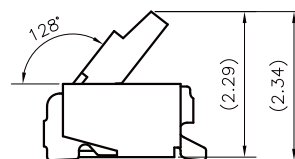
DESCRIPTION: 0.5 PITCH EASY ON FPC H=1.2mm TYPE



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ± 0.05



RECOMMENDED FPC/FFC DIMENSIONS
GENERAL TOLERANCE ± 0.05



ACTUATOR OPEN STATE
(21PIN~50PIN)
(SCALE 6:1)

NOTES:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0.
- 1.2 ACTUATOR: THERMOPLASTIC, HIGH TEMP., UL94V-0.
- 1.3 CONTACT: COPPER ALLOY
- 1.4 FITTING NAIL: COPPER ALLOY

2. FINISH:

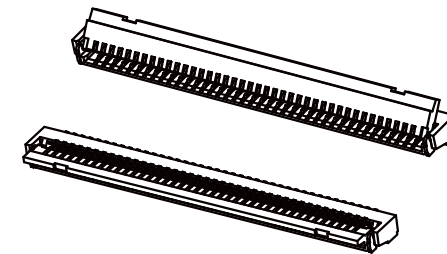
2.1 CONTACT:

- 50~100u" NICKEL UNDERPLATING OVERALL.
- 1:GOLD FLASH PLATING.
- N:80~120u" MATT TIN PLATING

2.2 FITTING NAIL:

- 100~200u" MATT TIN PLATING ON SOLDER TAILS(LEAD FREE).
- 50~100u" NICKEL UNDERPLATING OVERALL.

3. REFLOW SOLDER CAPABLE TO 260°C



CKT	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H
21	10.00	12.70	11.07	11.85	11.00	11.30	12.40	
22	10.50	13.20	11.57	12.35	11.50	11.80	12.90	
23	11.00	13.70	12.07	12.85	12.00	12.30	13.40	
24	11.50	14.20	12.57	13.35	12.50	12.80	13.90	
25	12.00	14.70	13.07	13.85	13.00	13.30	14.40	
26	12.50	15.20	13.57	14.35	13.50	13.80	14.90	
27	13.00	15.70	14.07	14.85	14.00	14.30	15.40	
28	13.50	16.20	14.57	15.35	14.50	14.80	15.90	
29	14.00	16.70	15.07	15.85	15.00	15.30	16.40	
30	14.50	17.20	15.57	16.35	15.50	15.80	16.90	
31	15.00	17.70	16.07	16.85	16.00	16.30	17.40	
32	15.50	18.20	16.57	17.35	16.50	16.80	17.90	
33	16.00	18.70	17.07	17.85	17.00	17.30	18.40	
34	16.50	19.20	17.57	18.35	17.50	17.80	18.90	
35	17.00	19.70	18.07	18.85	18.00	18.30	19.40	
36	17.50	20.20	18.57	19.35	18.50	18.80	19.90	
37	18.00	20.70	19.07	19.85	19.00	19.30	20.40	
38	18.50	21.20	19.57	20.35	19.50	19.80	20.90	
39	19.00	21.70	20.07	20.85	20.00	20.30	21.40	
40	19.50	22.20	20.57	21.35	20.50	20.80	21.90	
41	20.00	22.70	21.07	21.85	21.00	21.30	22.40	
42	20.50	23.20	21.57	22.35	21.50	21.80	22.90	
43	21.00	23.70	22.07	22.85	22.00	22.30	23.40	
44	21.50	24.20	22.57	23.35	22.50	22.80	23.90	
45	22.00	24.70	23.07	23.85	23.00	23.30	24.40	
46	22.50	25.20	23.57	24.35	23.50	23.80	24.90	
47	23.00	25.70	24.07	24.85	24.00	24.30	25.40	
48	23.50	26.20	24.57	25.35	24.50	24.80	25.90	
49	24.00	26.70	25.07	25.85	25.00	25.30	26.40	
50	24.50	27.20	25.57	26.35	25.50	25.80	26.90	

6.0

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Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X. ± 0.50
.X ± 0.25
.XX ± 0.15
.XXX ± 0.10
ANG $\pm 2^\circ$

照片框

ORDER INFORMATION

FPV-WHB12R-xx-LF

SERIES
90°SMT
LEADFREE
04~50WAY
REEL
HIGH 1.20mm
BOTTOM CONTACT
HINGED ZIF

DESCRIPTION: 0.5 PITCH EASY ON FPC H=1.2mm TYPE