

NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1-1.HOUSING: LCP,UL94V-0
  - 1-2.CONTACTS: COPPER ALLOY
  - 1-3.SOLDER TABS: COPPER ALLOY
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:  
TIN/GOLD FLASH PLATED OVER ALL.
  - 2-2.SOLDER TABS:  
TIN PLATED ON NICKEL OVERALL.
- 3.ELECTRICAL PERFORMANCE:
  - 3-1.CURRENT RATING: 1A AC/DC  
RATED VOLTAGE : 500V AC/DC
  - 3-2.CONTACT RESISTANCE: 20 mΩ MAX
  - 3-3.INSULATION RESISTANCE: 100MΩ Min
  - 3-4.DIELECTRIC WITHSTANDING : 500V
- 4.ENVIRONMENTAL PERFORMANCE:
  - 4-1.OPERATING TEMPERATURE: -25°C~+85°C.
  - 4-2.SALT SPRAY: 12 H
- 5.PACKAGE SPEC: REEL
- 6.P/N:

 A1007 W 9-2 XX 2 X X 0

SERIES NO: \_\_\_\_\_

CONNECTOR: \_\_\_\_\_

W-WAFER

ANGLE: \_\_\_\_\_

9-90°

ROW NO: \_\_\_\_\_

2-DOUBLE ROW

PIN Q' PY: \_\_\_\_\_

06~50

COLOR: \_\_\_\_\_

A-BLACK

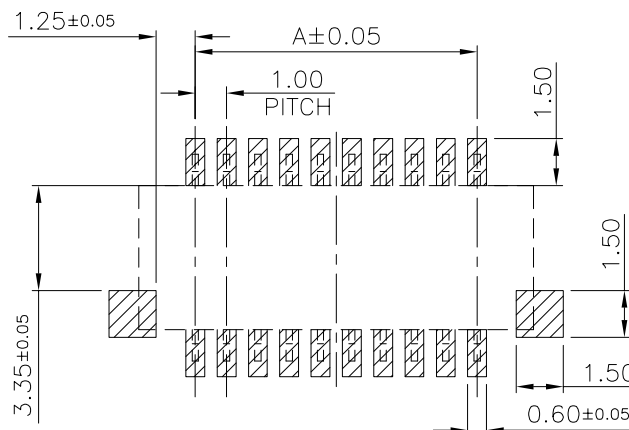
M-BEIGE

PLATING: \_\_\_\_\_

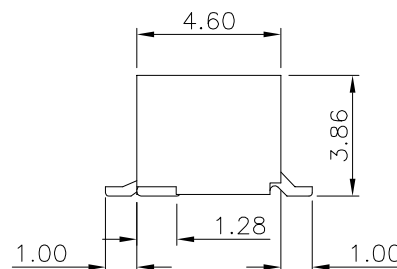
A-ALL AU C

TERMPOINT: \_\_\_\_\_

2-SMT



## RECOMMENDED PCB LAYOUT



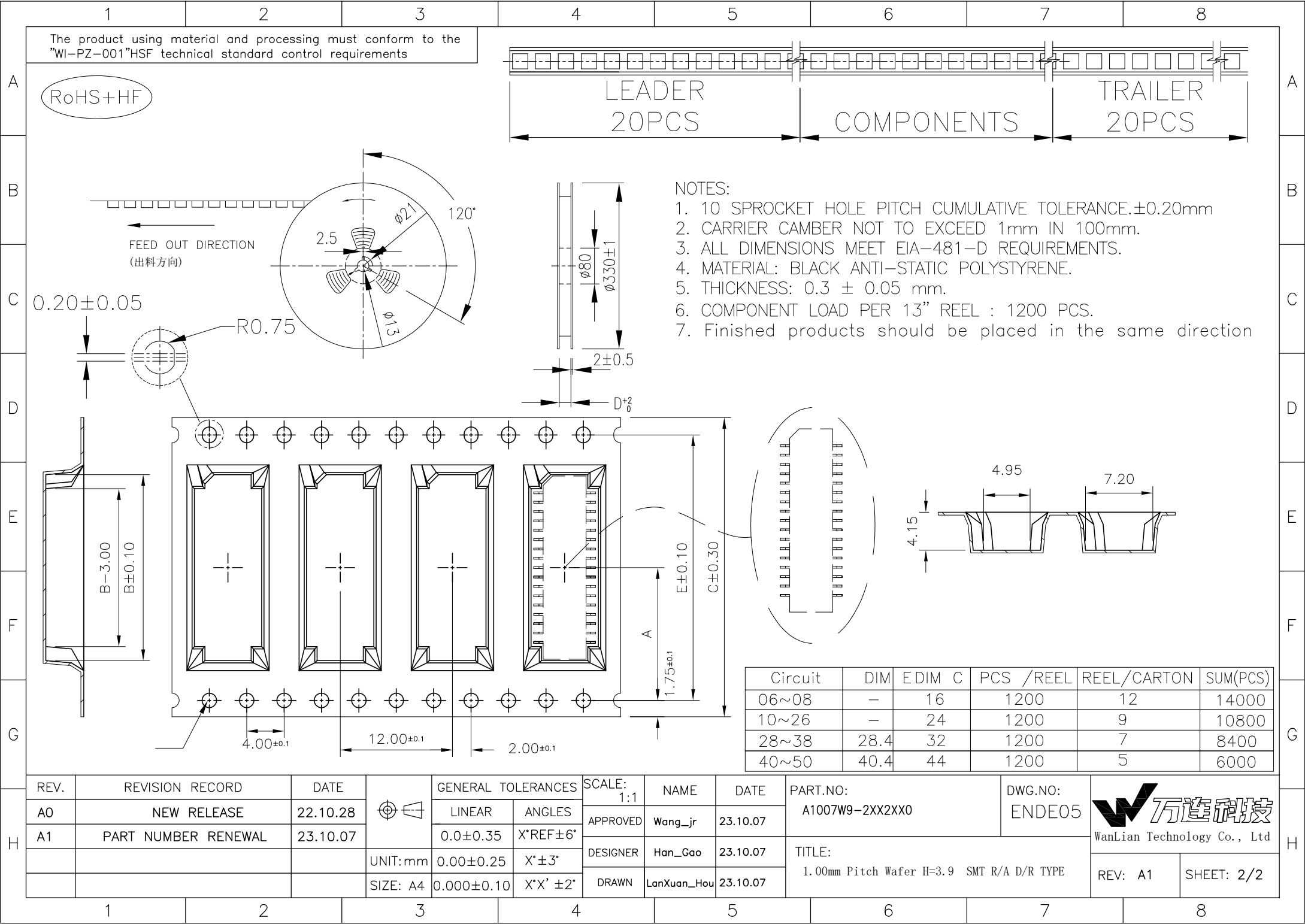
| Circuit | Dimensions(mm) |       |       | Circuit | Dimensions(mm) |       |       |
|---------|----------------|-------|-------|---------|----------------|-------|-------|
|         | A              | B     | C     |         | A              | B     | C     |
| 6       | 2.00           | 5.60  | 4.20  | 30      | 14.00          | 17.60 | 16.20 |
| 8       | 3.00           | 6.60  | 5.20  | 32      | 15.00          | 18.60 | 17.20 |
| 10      | 4.00           | 7.60  | 6.20  | 34      | 16.00          | 19.60 | 18.20 |
| 12      | 5.00           | 8.60  | 7.20  | 36      | 17.00          | 20.60 | 19.20 |
| 14      | 6.00           | 9.60  | 8.20  | 38      | 18.00          | 21.60 | 20.20 |
| 16      | 7.00           | 10.60 | 9.20  | 40      | 19.00          | 22.60 | 21.20 |
| 18      | 8.00           | 11.60 | 10.20 | 42      | 20.00          | 23.60 | 22.20 |
| 20      | 9.00           | 12.60 | 11.20 | 44      | 21.00          | 24.60 | 23.20 |
| 22      | 10.00          | 13.60 | 12.20 | 46      | 22.00          | 25.60 | 24.20 |
| 24      | 11.00          | 14.60 | 13.20 | 48      | 23.00          | 26.60 | 25.20 |
| 26      | 12.00          | 15.60 | 14.20 | 50      | 24.00          | 27.60 | 26.20 |
| 28      | 13.00          | 16.60 | 15.20 |         |                |       |       |

|      |                     |          |                                                                                     |                    |           |               |         |             |                                                     |                   |                                                                                                                       |            |          |
|------|---------------------|----------|-------------------------------------------------------------------------------------|--------------------|-----------|---------------|---------|-------------|-----------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------|------------|----------|
| REV. | REVISION RECORD     | DATE     |  | GENERAL TOLERANCES |           | SCALE:<br>1:1 | NAME    | DATE        | PART.NO:<br>A1007W9-2XX2XX0                         | DWG.NO:<br>ENDE05 | <br>WanLian Technology Co., Ltd. |            |          |
| A0   | NEW RELEASE         | 22.10.28 |                                                                                     | LINEAR             | ANGLES    | APPROVED      | Wang_jr | 23.10.07    |                                                     |                   |                                                                                                                       |            |          |
| A1   | PART NUMBER RENEWAL | 23.10.07 |                                                                                     | 0.0±0.35           | X°REF±6°  | DESIGNER      | Han_Gao | 23.10.07    | TITLE:<br>1.00mm Pitch Wafer H=3.9 SMT R/A D/R TYPE | REV: A1           |                                                                                                                       | SHEET: 1/2 |          |
|      |                     |          |                                                                                     | UNIT:mm            | 0.00±0.25 | X°±3°         | DRAWN   | LanXuan_Hou |                                                     |                   |                                                                                                                       |            | 23.10.07 |
|      |                     |          | SIZE: A4                                                                            | 0.000±0.10         | X°X' ±2°  |               |         |             |                                                     |                   |                                                                                                                       |            |          |



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|         |            |
|---------|------------|
| REV: A1 | SHEET: 1/2 |
|---------|------------|



The product using material and processing must conform to the "WI-PZ-001"HSF technical standard control requirements

RoHS+HF

LEADER  
20PCS

COMPONENTS

TRAILER  
20PCS

- 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-D REQUIREMENTS.
  4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
  5. THICKNESS: 0.3 ± 0.05 mm.
  6. COMPONENT LOAD PER 13" REEL : 1200 PCS.
  7. Finished products should be placed in the same direction



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REV: A1 SHEET: 2/2