

The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements

RoHS+HF

NOTE:

1.MATERIAL SPECIFICATION:

1-1.HOUSING:LCP NATURE UL94V-0

1-2.CONTACTS:BRASS

2.PLATING SPECIFICATION:

2-1.CONTACTS:

TIN/AU PLATED OVER ALL.

3.ELECTRICAL PERFORMANCE:

3-1. RATED CURRENT : 3A AC,DC

3-2.INSULATION RESISTANCE: 1000MΩ MIN

3-3.CONTACT RESISTANCE : 20mΩ(MAX.)

3-4.WITHSTANDING VOLTAGE: 500V AC/minute

4.ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

5.PACKAGE SPEC: REEL

6.P/N

RECOMMENDED PCB LAYOUT

(GENERAL TOLERANCE: ±0.05)

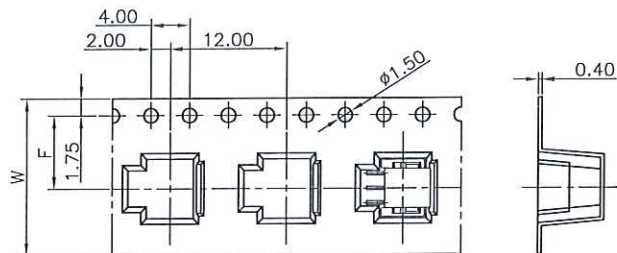
SERIES NO: A1502 W 0-1 XX 2 X X 0  
CONNECTOR: W-WAFER  
ANGLE: 0-180°  
ROW NO: 1-SINGLE ROW  
PIN Q' PY: 02~15  
COLOR: A-BLACK  
S-NATURE  
PLATING: A-ALL AU G/F  
C-BRIGHT TIN  
D-MATTE Tin  
TERMIPOINT: 2-SMT

| Circuit | Dimensions(mm) |       | Circuit | Dimensions(mm) |       |
|---------|----------------|-------|---------|----------------|-------|
|         | A              | B     |         | A              | B     |
| 02      | 1.50           | 4.30  | 09      | 12.00          | 14.80 |
| 03      | 3.00           | 5.80  | 10      | 13.50          | 16.30 |
| 04      | 4.50           | 7.30  | 11      | 15.00          | 17.80 |
| 05      | 6.00           | 8.80  | 12      | 16.50          | 19.30 |
| 06      | 7.50           | 10.30 | 13      | 18.00          | 20.80 |
| 07      | 9.00           | 11.80 | 14      | 19.50          | 22.30 |
| 08      | 10.50          | 13.30 | 15      | 21.00          | 23.80 |

| REV. | REVISION RECORD     | DATE     |  | GENERAL TOLERANCES |            | SCALE:<br>1:1 | NAME   | DATE      | PART.NO:                                  | DWG.NO: | <br>WanLian Technology Co., Ltd |            |           |
|------|---------------------|----------|-------------------------------------------------------------------------------------|--------------------|------------|---------------|--------|-----------|-------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------|------------|-----------|
| A0   | NEW RELEASE         | 21.01.13 |                                                                                     | LINEAR             | ANGLES     | APPROVED      | 8/8/14 | 2024.6.25 | A1502W0-1XX2XX0                           | ENDE05  |                                                                                                                      |            |           |
| A1   | PART NUMBER RENEWAL |          |                                                                                     | 0.0±0.35           | X'REF±6°   | DESIGNER      | 梁林和    | 2024.6.25 | TITLE:<br>1.50mm PITCH 180°WAFER-SMT TYPE |         | REV: A1                                                                                                              | SHEET: 1/2 |           |
|      |                     |          |                                                                                     | UNIT:mm            | 0.00±0.25  | X'±3°         | DRAWN  | 肖雨曦       |                                           |         |                                                                                                                      |            | 2024.6.25 |
|      |                     |          |                                                                                     | SIZE: A4           | 0.000±0.10 | X'X' ±2°      |        |           |                                           |         |                                                                                                                      |            |           |

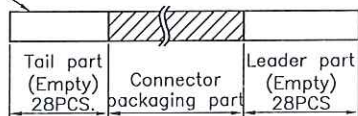
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## 02~09 Contacts

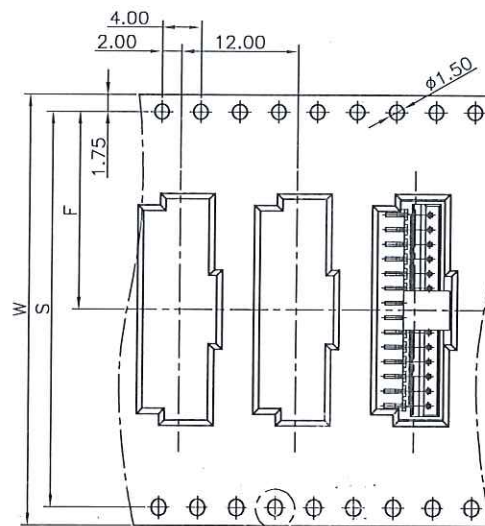


Unreeling direction

Carrier tape



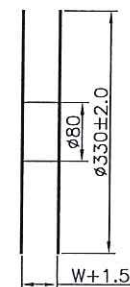
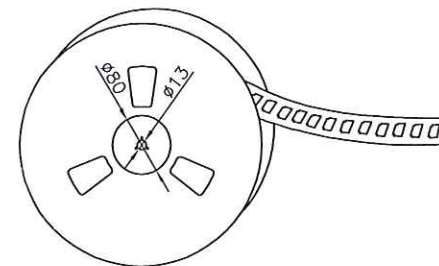
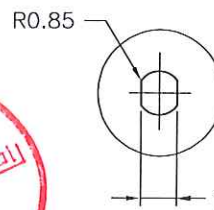
## 10~15 Contacts



Unreeling direction

RoHS+HF

| Circuit | W±0.3 | F±0.1 | S±0.1 | Q'ty/Reel |
|---------|-------|-------|-------|-----------|
| 02P     | 16    | 7.50  |       | 1000      |
| 03P     | 16    | 7.50  |       | 1000      |
| 04P     | 16    | 7.50  |       | 1000      |
| 05P     | 24    | 11.50 |       | 1000      |
| 06P     | 24    | 11.50 |       | 1000      |
| 07P     | 24    | 11.50 |       | 1000      |
| 08P     | 24    | 11.50 |       | 1000      |
| 09P     | 24    | 11.50 |       | 1000      |
| 10P     | 32    | 14.20 | 28.40 | 1000      |
| 11P     | 32    | 14.20 | 28.40 | 1000      |
| 12P     | 32    | 14.20 | 28.40 | 1000      |
| 13P     | 32    | 14.20 | 28.40 | 1000      |
| 14P     | 44    | 20.20 | 40.40 | 1000      |
| 15P     | 44    | 20.20 | 40.40 | 1000      |



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|------|---------------------|----------|--------------------|------------|--------|-----------|-----------------|---------|-----------------------------|------------|
| A0   | NEW RELEASE         | 21.01.13 | LINEAR             | APPROVED   | 8/8/14 | 2024.6.25 | A1502W0-1XX2XX0 | ENDE05  |                             |            |
| A1   | PART NUMBER RENEWAL |          | 0.0±0.35           | DESIGNER   | 梁林和    | 2024.6.25 | TITLE:          |         | REV: A1                     | SHEET: 2/2 |
|      |                     |          | 0.00±0.25          | DRAWN      | 肖雨曦    | 2024.6.25 | 包装规范            |         |                             |            |
|      |                     |          | 0.000±0.10         |            |        |           |                 |         |                             |            |