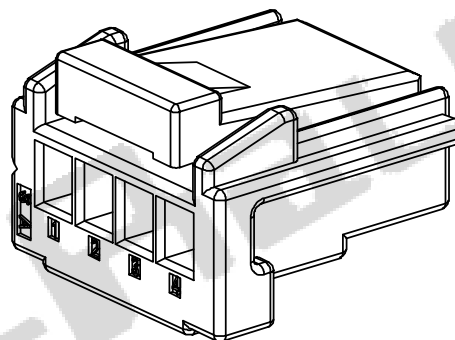
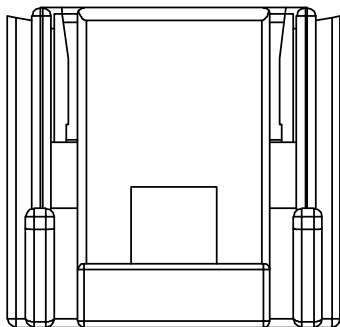




## SPECIFICATIONS :

Voltage Rating: 350V AC / DC

Current Rating: 3A AC / DC

Withstanding Voltage: 500V AC/minute

Temperature Range: -25°C~+85°C

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

\*Suitable MR-A1506 series Terminal

\*Mates with MR-A1506 series Wafer

## Material:

Material: PBT UL94V-0,

Color: White

MR-A1506 H - NP - P0 WH - A

① ② ③ ④ ⑤ ⑥

① Series No.

② Category: H-Housing

③ Circuit No.:02-1\*2PIN....16-1\*16PIN

④ Material: P0-PBT,UL94V-0

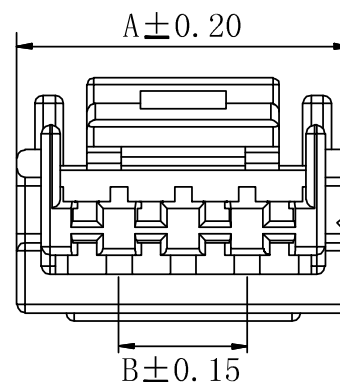
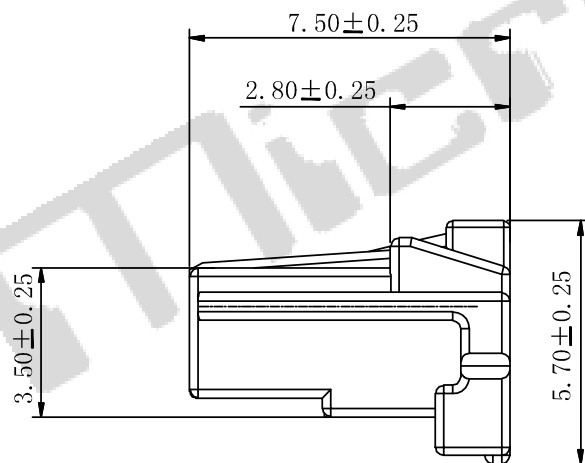
⑤ Color: WH-White

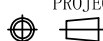
⑥ Other: A-MR-81265

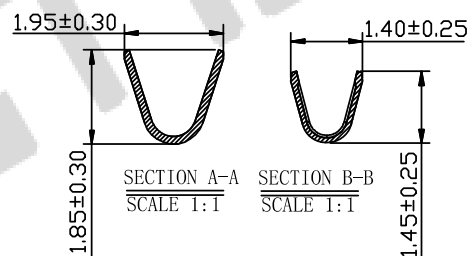
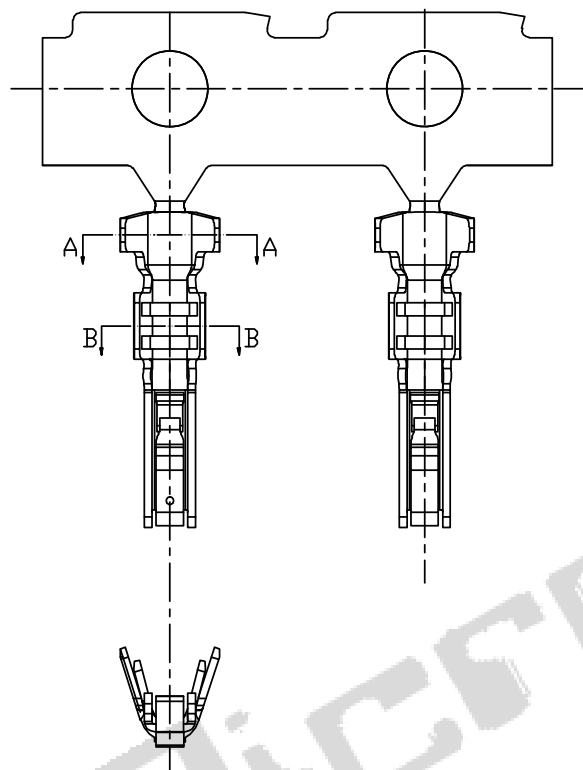
## Ordering Information &amp; Dimensions

| Poles | Dimensions(mm) |       |
|-------|----------------|-------|
|       | A              | B     |
| 02    | 5.00           | 1.50  |
| 03    | 6.30           | 3.00  |
| 04    | 7.80           | 4.50  |
| 05    | 9.30           | 6.00  |
| 06    | 10.80          | 7.50  |
| 07    | 12.30          | 9.00  |
| 08    | 13.80          | 10.50 |
| 09    | 15.30          | 12.00 |
| 10    | 16.80          | 13.50 |
| 11    | 18.30          | 15.00 |
| 12    | 19.80          | 16.50 |
| 13    | 21.30          | 18.00 |
| 14    | 22.80          | 19.50 |
| 15    | 24.30          | 21.00 |
| 16    | 25.80          | 22.50 |

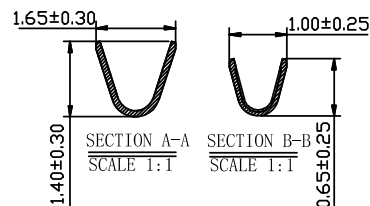
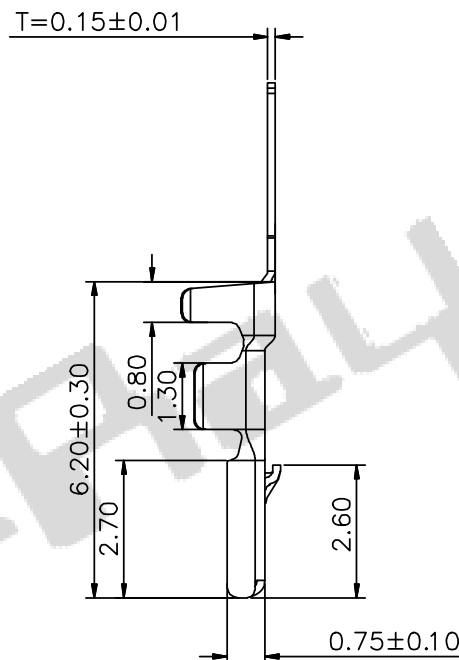
|             |                     |
|-------------|---------------------|
| PART NUMBER | MR-A1506H-NP-P0WH-A |
| PINS        | 2 to 16             |



|      |         |         |             |     |      |                                                                                                  |           |     |    |            |                                       |              |                    |          |
|------|---------|---------|-------------|-----|------|--------------------------------------------------------------------------------------------------|-----------|-----|----|------------|---------------------------------------|--------------|--------------------|----------|
|      |         |         |             |     |      | GENERAL TOLERANCE<br>.X ±0.3<br>.XX ±0.2<br>.XXX ±0.1                                            | Micro-Ray |     |    |            | PART NO<br>MR-A1506H-NP-P0WH-A        |              |                    |          |
|      |         |         |             |     |      |                                                                                                  |           |     |    |            | TITLE<br>1.5mm Crimp Style connectors |              |                    |          |
| DATE | OLD REV | NEW REV | DESCRIPTION | CHK | APPD |                                                                                                  | APPD      | CHK | DR | DATE       | UNIT<br>MM                            | SCALE<br>1/1 | NUMBER<br>MR-A1506 | REV<br>A |
|      |         |         |             |     |      | PROJECT<br> |           |     |    | 2022/07/13 |                                       |              |                    |          |



MR-A1506TF-PT1-A1



MR-A1506TF-PT1-A2

## ■ SPECIFICATIONS :

- Voltage Rating: 125V AC / DC
- Current Rating: 2A AC / DC
- Withstanding Voltage: 800V AC/minute
- Temperature Range: -40° C~+105° C
- Insulation Resistance: 500M $\Omega$  Min.
- Contact Resistance: 20m $\Omega$  Max.
- \*Mates with MR-A1506 series Housing

## ■ \*Material:

Terminal: Phosphor Bronze  
Plating: Tin Plated

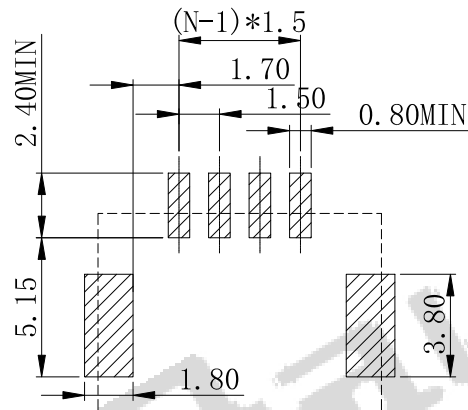
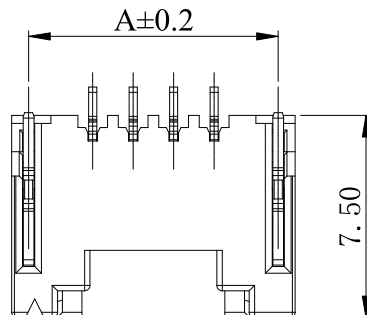
MR-A1506 T F - P T1 - AX

① ② ③ ④ ⑤ ⑥

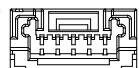
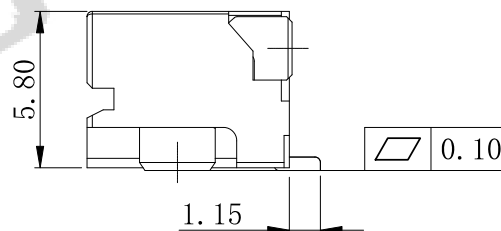
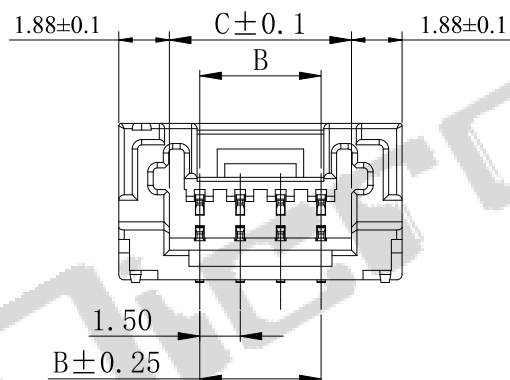
- ① Series No.:  
② Category: T- Terminal  
③ Terminal Type: F-mate with male housing  
④ Material: P-Phosphor Bronze,  
⑤ Plating : T1-Tin Plated  
⑥ Other: A1-A1 High Leg  
A2-A2 Low Leg

|             |                   |
|-------------|-------------------|
| PART NUMBER | MR-A1506TF-PT1-AX |
| PINS        | Terminal          |

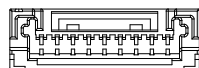
|      |         |         |             |     |      |                                                                                                  |           |     |    |            |                                       |              |                    |          |
|------|---------|---------|-------------|-----|------|--------------------------------------------------------------------------------------------------|-----------|-----|----|------------|---------------------------------------|--------------|--------------------|----------|
|      |         |         |             |     |      | GENERAL TOLERANCE<br>. X $\pm 0.20$<br>. XX $\pm 0.15$<br>. XXX $\pm 0.08$                       | Micro-Ray |     |    |            | PART NO<br>MR-A1506TF-PT1-AX          |              |                    |          |
|      |         |         |             |     |      |                                                                                                  |           |     |    |            | TITLE<br>1.5mm Crimp Style connectors |              |                    |          |
| DATE | OLD REV | NEW REV | DESCRIPTION | CHK | APPD |                                                                                                  | APPD      | CHK | DR | DATA       | UNIT<br>MM                            | SCALE<br>1/1 | NUMBER<br>MR-A1506 | REV<br>A |
|      |         |         |             |     |      | PROJECT<br> |           |     |    | 2022/07/13 |                                       |              |                    |          |



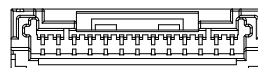
Recommended P.C.B Layout  
General Tolerance±0.05



1~5PIN



6~9PIN



10~16 PIN

■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:Max 500MΩ
- Contact resistance: Min 20mΩ
- After Environmental Testing: 40mΩ/Max
- \*Mates with MR-A1506 series Housing

■ \*Material:

- Material: 9T-PA9T,UL94V-0,
- PIN: Phosphor bronze
- Plating Method: T- Tin Plated ,G-Gold Flash

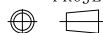
MR-A1506 W R S- NP - 9T XX X  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

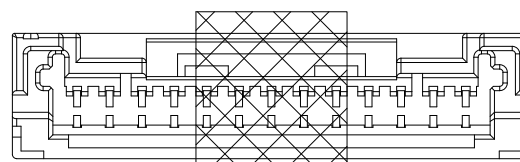
- ① Series No.  
② Category:W-wafer  
③ Welding Board Angle: R-Vertical 90°  
④ Soldering Type: Blank-DIP Type, S-SMT Type,  
⑤ Circuit No.: 02-2PIN.....16-16PIN  
⑥ Material: 9T-PA9T UL94V-0  
⑦ Color: NA-Natural ,BK-Black  
⑧ Plating Method: T- Tin Plated ,G-Gold Flash

Ordering Information & Dimensions

| Poles | Dimensions(mm) |       |       |
|-------|----------------|-------|-------|
|       | A              | B     | C     |
| 02    | 6.25           | 1.50  | 3.75  |
| 03    | 7.75           | 3.00  | 5.25  |
| 04    | 9.25           | 4.50  | 6.75  |
| 05    | 10.75          | 6.00  | 8.25  |
| 06    | 12.25          | 7.50  | 9.75  |
| 07    | 13.75          | 9.00  | 11.25 |
| 08    | 15.25          | 10.50 | 12.75 |
| 09    | 16.75          | 12.00 | 14.25 |
| 10    | 18.25          | 13.50 | 15.75 |
| 11    | 19.75          | 15.00 | 17.25 |
| 12    | 21.25          | 16.50 | 18.75 |
| 13    | 22.75          | 18.00 | 20.25 |
| 14    | 24.25          | 19.50 | 21.75 |
| 15    | 25.75          | 21.00 | 23.25 |
| 16    | 27.25          | 22.50 | 24.75 |

|             |                      |
|-------------|----------------------|
| PART NUMBER | MR-A1506WRS-NP-9TXXX |
| PINS        | 2 to 16              |

|      |         |         |             |     |      |                                                                                                  |           |     |    |            |                                                        |              |                    |          |
|------|---------|---------|-------------|-----|------|--------------------------------------------------------------------------------------------------|-----------|-----|----|------------|--------------------------------------------------------|--------------|--------------------|----------|
|      |         |         |             |     |      | GENERAL TOLERANCE<br>. X ±0.30<br>. XX ±0.20<br>. XXX ±0.10                                      | Micro-Ray |     |    |            | PART NO<br>MR-A1506WRS-NP-9TXXX                        |              |                    |          |
|      |         |         |             |     |      |                                                                                                  |           |     |    |            | TITLE<br>1.50mm Crimp Style<br>Connectors(Double post) |              |                    |          |
|      |         |         |             |     |      |                                                                                                  | APPD      | CHK | DR | DATA       | UNIT<br>MM                                             | SCALE<br>1/1 | NUMBER<br>MR-A1506 | REV<br>A |
| DATE | OLD REV | NEW REV | DESCRIPTION | CHK | APPD | PROJECT<br> |           |     |    | 2022/11/22 |                                                        |              |                    |          |



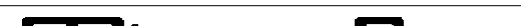
10<sup>~</sup>16 PIN

| GENERAL TOLERANCE |            |
|-------------------|------------|
| .X                | $\pm 0.30$ |
| .XX               | $\pm 0.20$ |
| .XXX              | $\pm 0.10$ |



| APPD | CHK | DR | DATA |
|------|-----|----|------|
|------|-----|----|------|

| Poles | Dimensions (mm) |             |             |             |
|-------|-----------------|-------------|-------------|-------------|
|       | A $\pm$ 0.2     | B $\pm$ 0.2 | C $\pm$ 0.2 | D $\pm$ 0.2 |
| 02    | 6.25            | 2.65        | 1.50        | 3.75        |
| 03    | 7.75            | 4.15        | 3.00        | 5.25        |
| 04    | 9.25            | 5.65        | 4.50        | 6.75        |
| 05    | 10.75           | 7.15        | 6.00        | 8.25        |
| 06    | 12.25           | 8.65        | 7.50        | 9.75        |
| 07    | 13.75           | 10.15       | 9.00        | 11.25       |
| 08    | 15.25           | 11.65       | 10.50       | 12.75       |
| 09    | 16.75           | 13.15       | 12.00       | 14.25       |
| 10    | 18.25           | 14.65       | 13.50       | 15.75       |
| 11    | 19.75           | 16.15       | 15.00       | 17.25       |
| 12    | 21.25           | 17.65       | 16.50       | 18.75       |
| 13    | 22.75           | 19.15       | 18.00       | 20.25       |
| 14    | 24.25           | 20.65       | 19.50       | 21.75       |
| 15    | 25.75           | 22.15       | 21.00       | 23.25       |
| 16    | 27.25           | 23.65       | 22.50       | 24.75       |

|      |         |         |             |     |      |                                                                                       |                                                                                       |     |    |            |                                                     |              |                    |          |
|------|---------|---------|-------------|-----|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|----|------------|-----------------------------------------------------|--------------|--------------------|----------|
|      |         |         |             |     |      | GENERAL TOLERANCE                                                                     |  |     |    |            | PART NO<br>MR-A1506WVS-NP-9TXXX                     |              |                    |          |
|      |         |         |             |     |      | . X ±0.30                                                                             |                                                                                       |     |    |            | TITLE<br>1.50mm Crimp Style Connectors(Double post) |              |                    |          |
|      |         |         |             |     |      | . XX ±0.20                                                                            |                                                                                       |     |    |            |                                                     |              |                    |          |
|      |         |         |             |     |      | . XXX ±0.10                                                                           | APPD                                                                                  | CHK | DR | DATA       |                                                     |              |                    |          |
| DATE | OLD REV | NEW REV | DESCRIPTION | CHK | APPD |  |                                                                                       |     |    | 2023/05/23 | UNIT<br>MM                                          | SCALE<br>1/1 | NUMBER<br>MR-A1506 | REV<br>A |