

| P | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|---|-----|-----------------|-----------|-----|------|
|   | A   | INITIAL RELEASE | 29JUL2024 | BTV | KJ   |

NOTES:

1. MATERIAL:

1, INSULATOR : THERMOPLASTIC UL-94-V-0 BLACK

2, SLEEVE & CONTACT : COPPER ALLOY

PLATING - SLEEVE : 2µm MIN Sn OVER 2µm MIN Ni

PLATING - CONTACT :  5µm min TIN OVER Ni

 GOLD FLASH OVER Ni

 0.25µm GOLD OVER Ni

 0.38µm GOLD OVER Ni

 0.76µm GOLD OVER Ni
2. PIN SPECIFICATION:

CONTACT ACCEPTS:

ROUND PIN ø0.40MM TO 0.56MM
3. ELECTRICAL:

CONTACT RESISTANCE- 10 mΩ MAX.

CONTACT RATING- 1Amp

INSULATION RESISTANCE- 1000 MΩ.

DIELECTRIC VOLTAGE- 1000V AC
4. ENVIRONMENTAL:

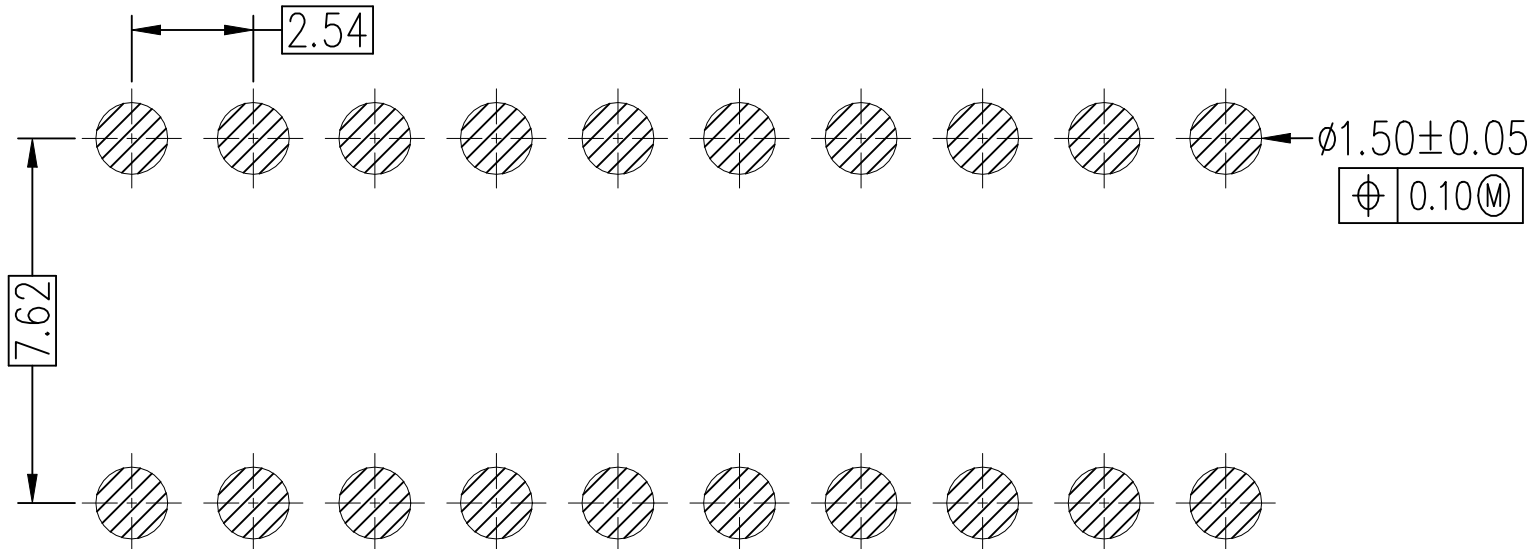
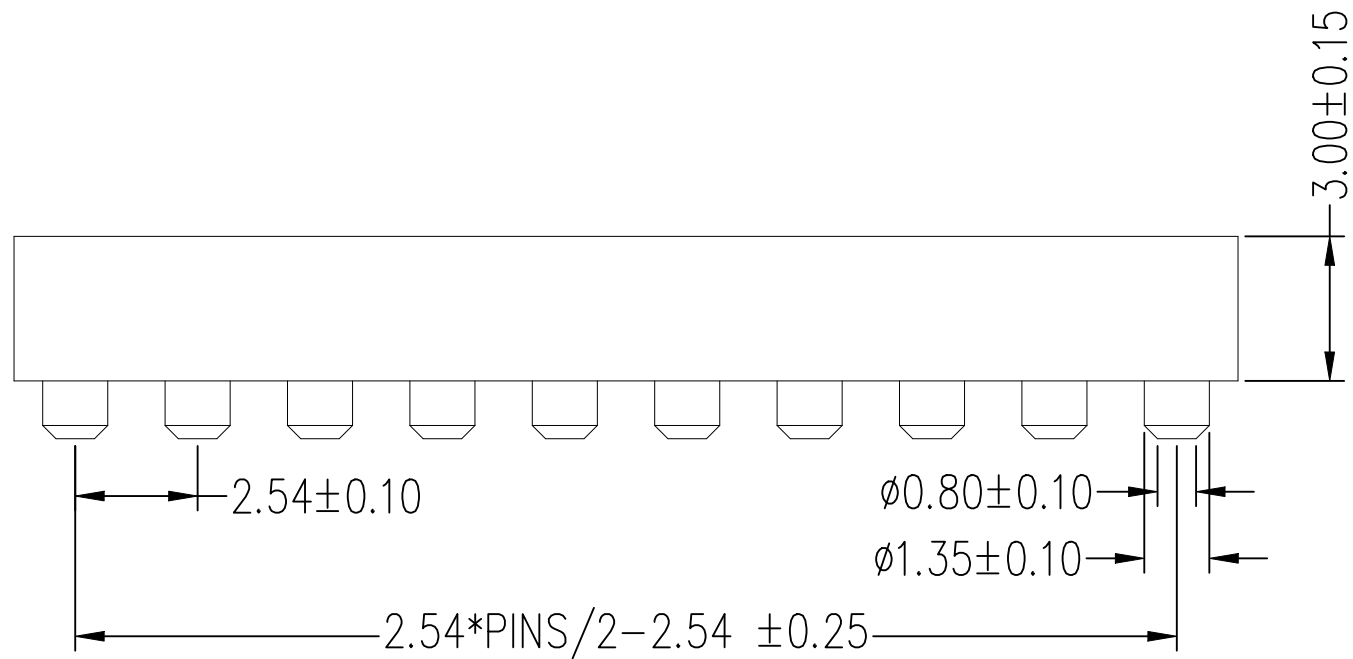
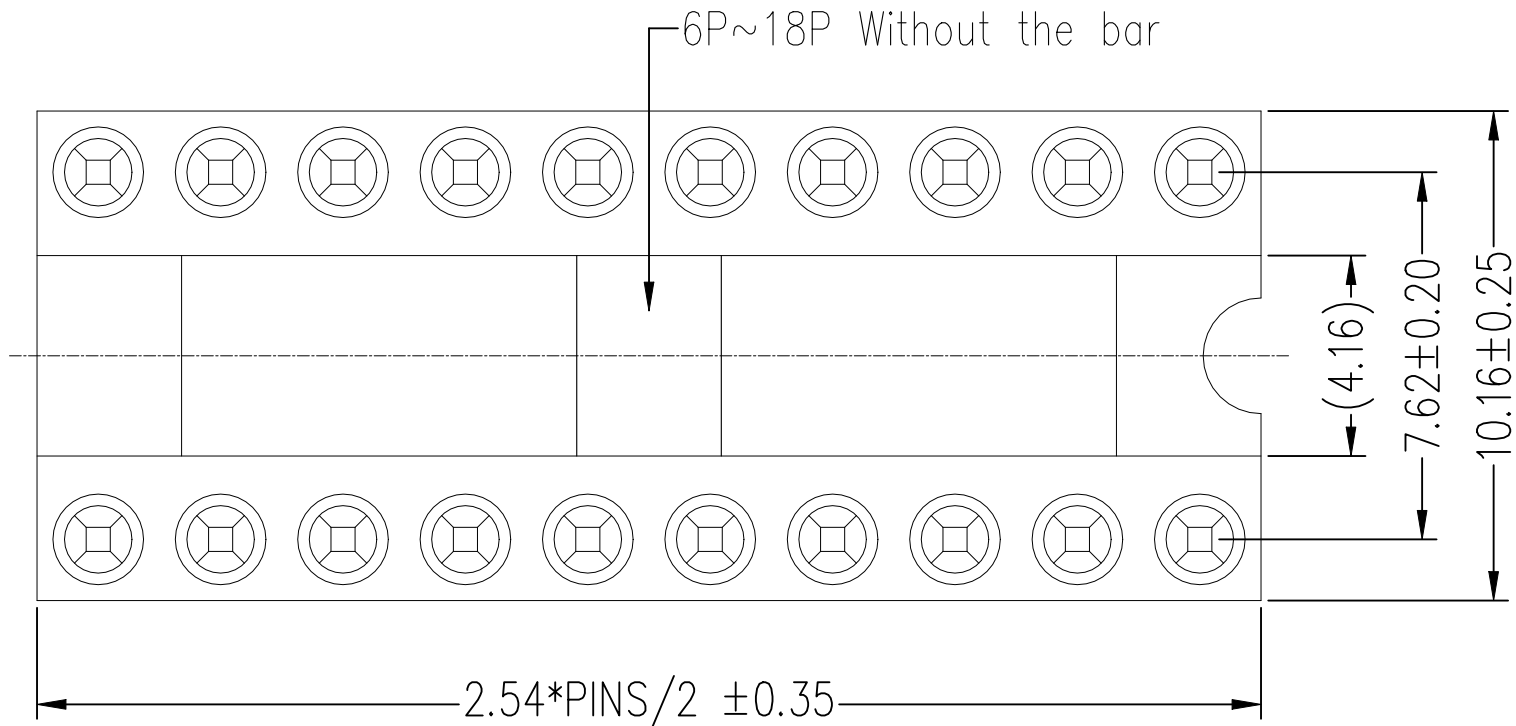
OPERATION TEMPERATURE - -55 +125°C

SOLDERING PROCESS CAPABILITY - 260°C
5. MECHANICAL LIFE:

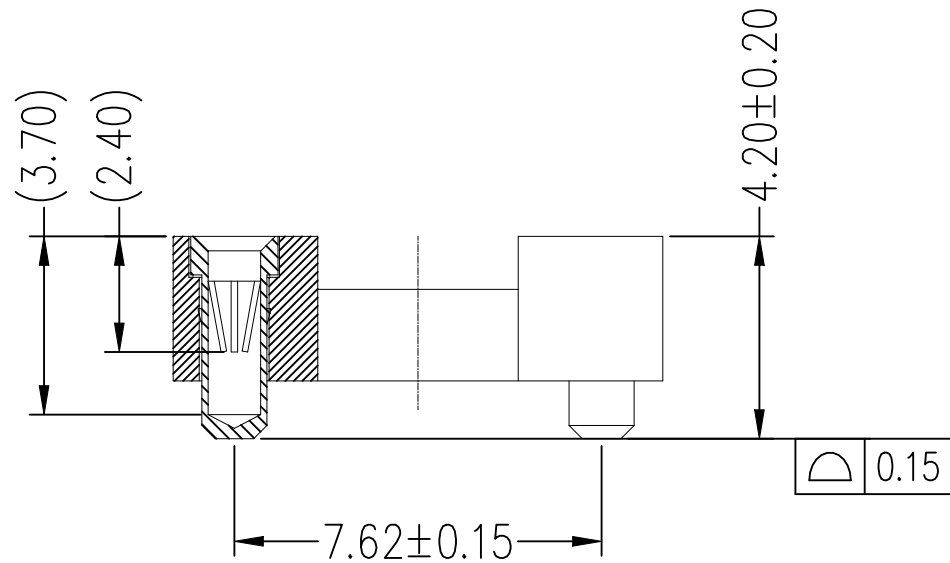
500 CYCLES

INSERTION FORCE - 200GRAMS/PIN

WITHDRAWAL FORCE - 60GRAMS/PIN



RECOMMENDED P.C.B LAYOUT  
(COMPONENT SIDE)(TOLERANCE:±0.05)



|                                                                                                  |  |                                |           |                                                                                                                  |                    |                         |                    |
|--------------------------------------------------------------------------------------------------|--|--------------------------------|-----------|------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                           |  | DWN<br>BONEY THOMAS            | 10MAY2024 | <div> TE Connectivity</div> |                    |                         |                    |
| DIMENSIONS:<br>mm                                                                                |  | CHK<br>—                       | —         |                                                                                                                  |                    |                         |                    |
| <div></div> |  | APVD<br>KIM JIN                |           | NAME<br><br>DIP SOCKET SURFACE MOUNT TYPE<br>PITCH 7.62<br><br>—                                                 |                    |                         |                    |
|                                                                                                  |  | PRODUCT SPEC<br><br>108—160876 |           |                                                                                                                  |                    |                         |                    |
|                                                                                                  |  | APPLICATION SPEC<br><br>—      |           |                                                                                                                  |                    |                         |                    |
|                                                                                                  |  | WEIGHT<br>—                    |           |                                                                                                                  |                    |                         |                    |
|                                                                                                  |  | CUSTOMER DRAWING               |           |                                                                                                                  |                    |                         |                    |
| MATERIAL<br>—                                                                                    |  | FINISH<br>—                    |           | SIZE<br>A2                                                                                                       | CAGE CODE<br>00779 | DRAWING NO<br>C=2485267 | RESTRICTED TO<br>— |
|                                                                                                  |  |                                |           | SCALE<br>—                                                                                                       | SHEET<br>1 of 1    | REV<br>A                |                    |