

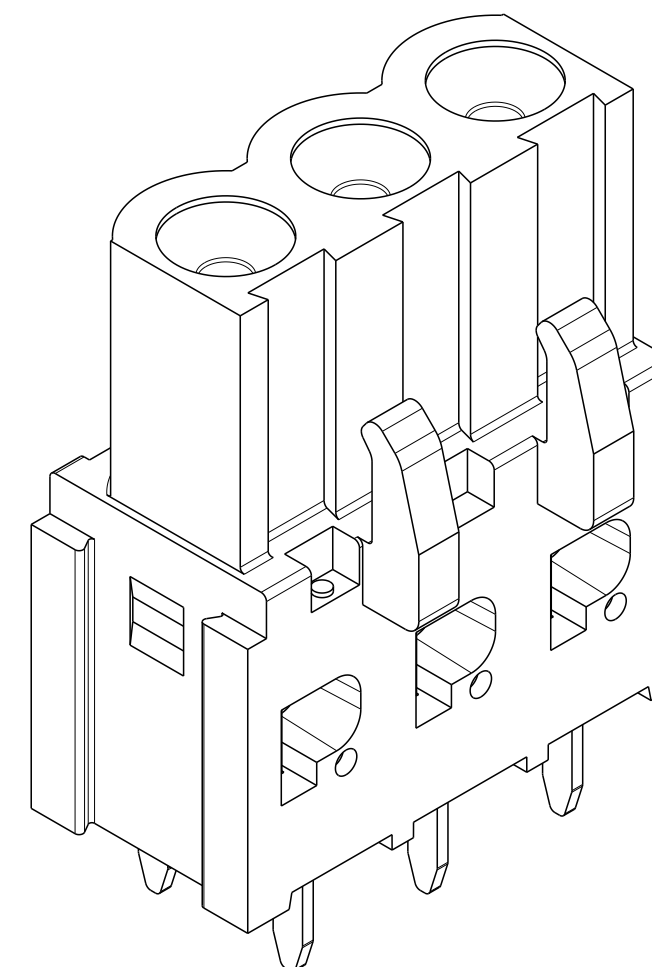
| REVISIONS |     |                                                          |           |     |      |
|-----------|-----|----------------------------------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                                              | DATE      | DWN | APVD |
|           | B   | PACKAGING CHANGED FROM BLACK POLYURETHANE SPONGE TO TRAY | 01MAR2018 | RK  | PS   |
|           |     |                                                          |           |     |      |
|           |     |                                                          |           |     |      |
|           |     |                                                          |           |     |      |

1. MATERIALS & FINISH  
HOUSING : PA 6.6, UL94 V0, COLOR -GREEN  
CONTACT : BRONZE, TIN PLATED.
2. MECHANICAL  
MAX. INSERTION FORCE PER POLE : 3.0 N  
MIN. WITHDRAWAL FORCE PER POLE : 1.5 N  
MIN. PC BOARD HOLES DIAMETER : 1.4 mm  
MAX. PC BOARD THICKNESS : 2.4 mm
3. ELECTRICAL  
WIRE RANGE : 12-30 AWG  
MAX. VOLTAGE : 300 V  
MAX CURRENT : 15 A  
CONTACT RESISTANCE : <15 m Ohm  
INSULATION RESISTANCE : >1000 M Ohm (500V DC)

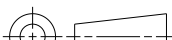
5 TOLERANCE NOT CUMULATIVE.

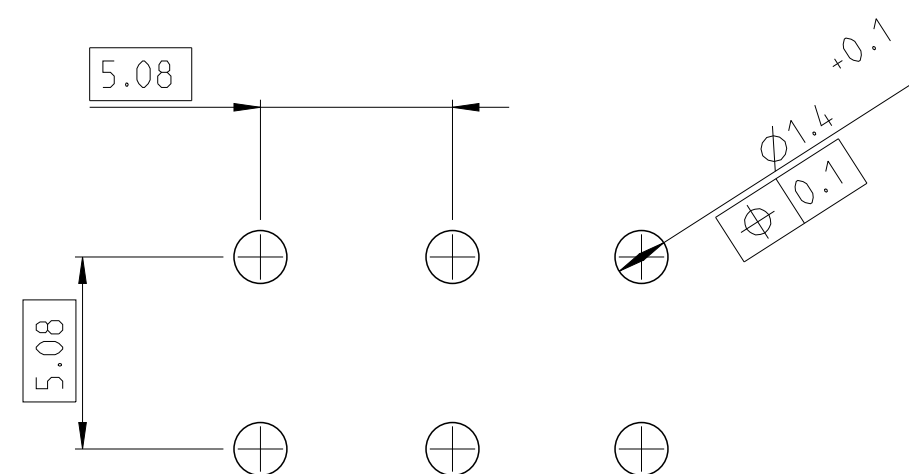
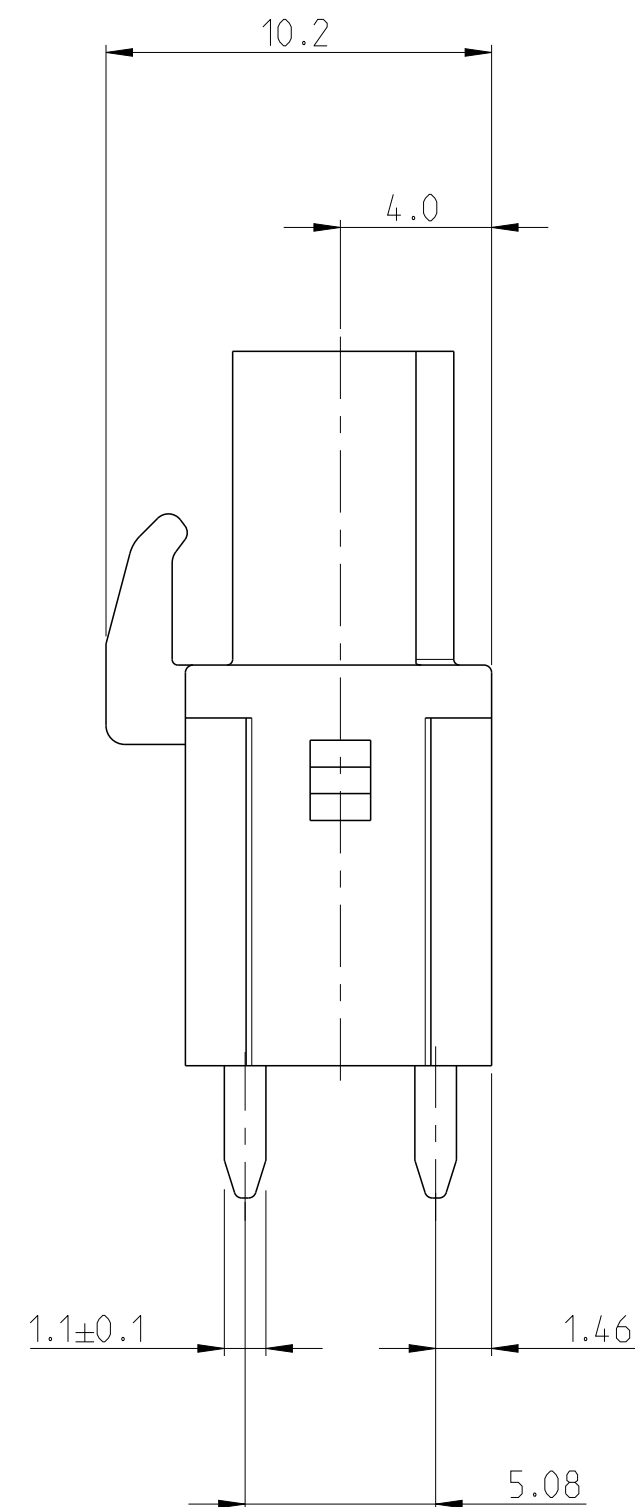
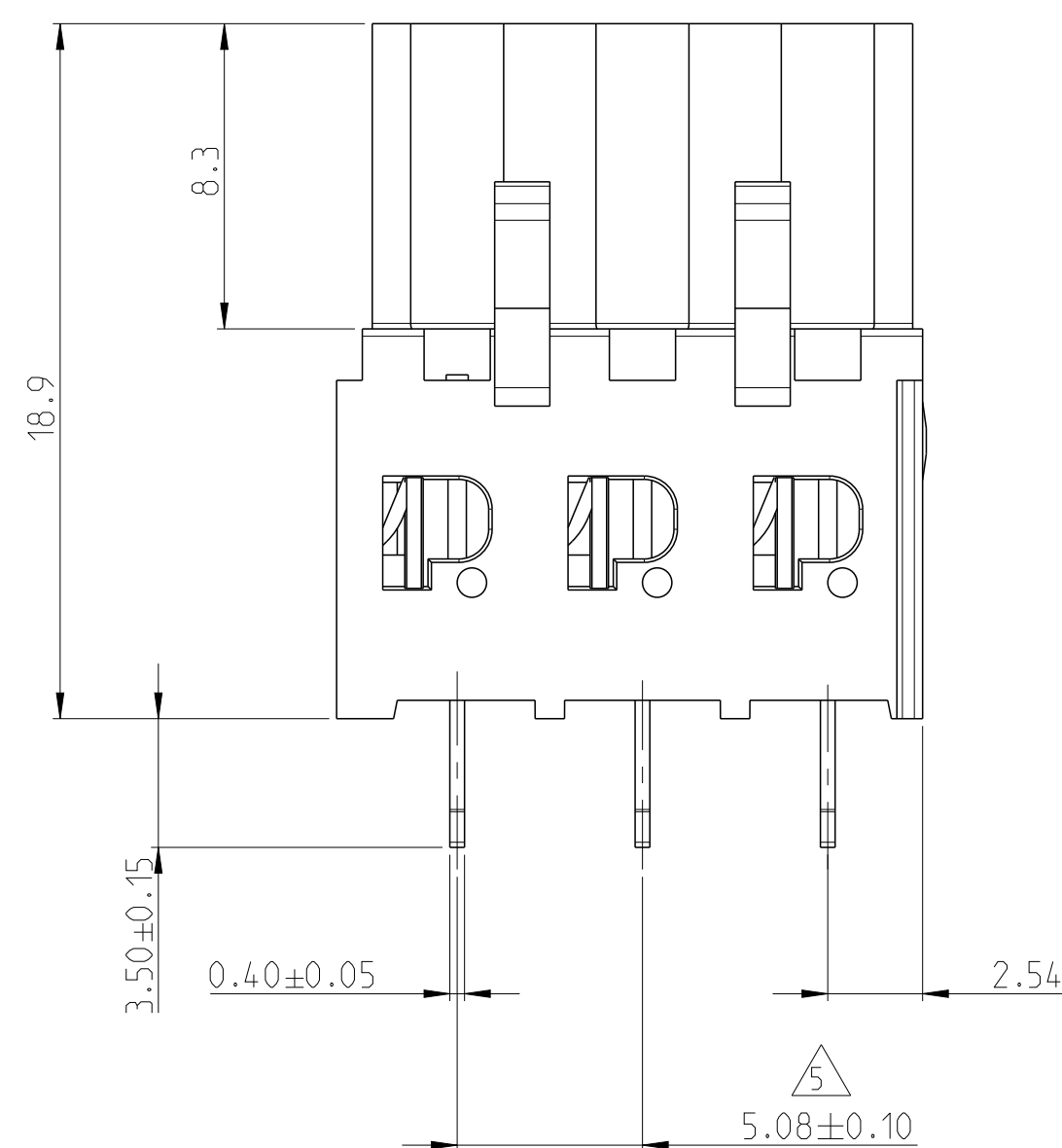
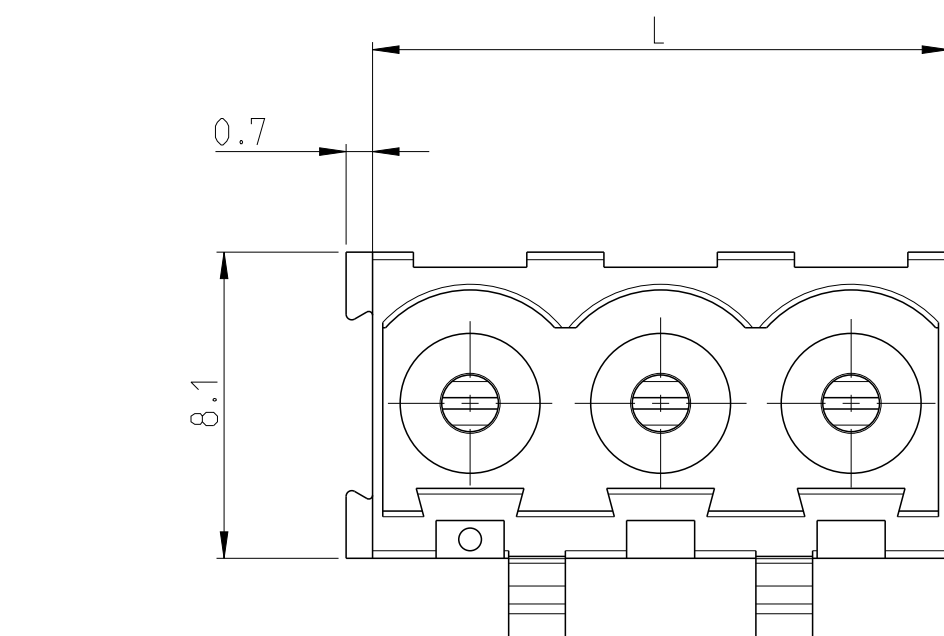
## 7. MAXIMUM OF 12 POSITIONS ALLOWED FOR END-TO-END STACKING

8. PACKED IN TRAY.



|       |               |                |
|-------|---------------|----------------|
| 40.64 | 8             | 1986258-8      |
| 15.24 | 3             | 1986258-3      |
| 10.16 | 2             | 1986258-2      |
| L     | NO OF<br>POSN | PART<br>NUMBER |

|                                                                                                                                                                                            |  |                                                        |  |                                                                                  |                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|----------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                                                     |  | DWN<br>S.WELDON<br>100CT2007                           |  | TE Connectivity                                                                  |                    |
| DIMENSIONS:<br>mm                                                                                                                                                                          |  | CHK<br>C.RICHARD<br>100CT2007                          |  | NAME<br>PLUG ASSEMBLY, TERMINAL BLOCK,<br>VERTICAL, BOARD MOUNT,<br>5.08mm PITCH |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                                                     |  | APVD<br>C.RICHARD<br>100CT2007                         |  |                                                                                  |                    |
|  <p>0 PLC ±.3<br/>1 PLC ±0.25<br/>2 PLC ±.3<br/>3 PLC ±.3<br/>4 PLC ±.3<br/>ANGLES ±1°<br/>FINISH</p> |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-<br>WEIGHT - |  |                                                                                  |                    |
| MATERIAL<br>-<br>SEE NOTES                                                                                                                                                                 |  | CUSTOMER DRAWING                                       |  | SIZE<br>A2                                                                       | CAGE CODE<br>00779 |
|                                                                                                                                                                                            |  |                                                        |  | DRAWING NO<br>C-1986258                                                          | RESTRICTED TO<br>- |
|                                                                                                                                                                                            |  |                                                        |  | SCALE<br>5:1                                                                     | SHEET<br>1 OF 1    |
|                                                                                                                                                                                            |  |                                                        |  |                                                                                  | REV<br>B           |



## RECOMMENDED PC BOARD LAYOUT