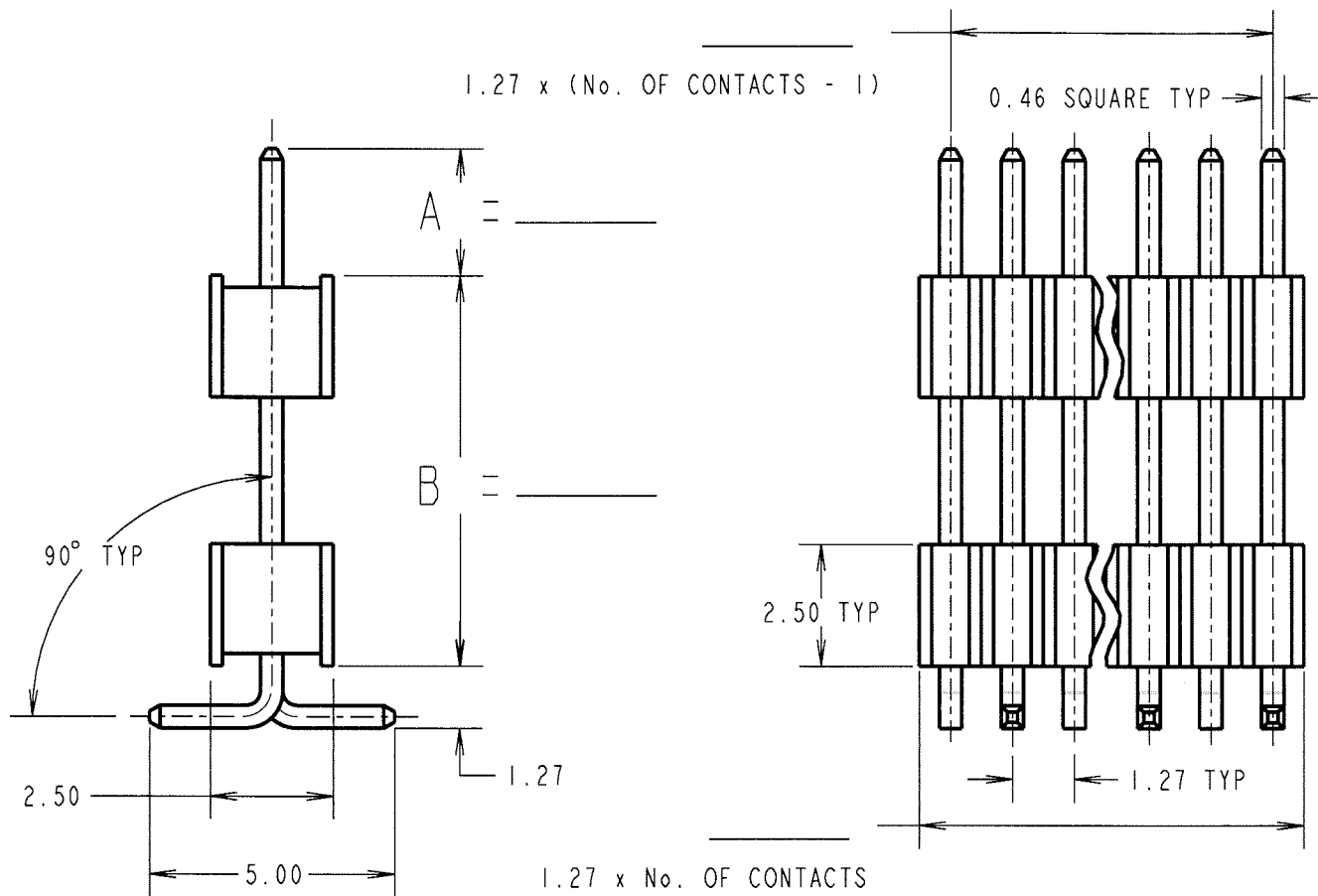


- NOTES:
1. MAXIMUM PERMISSIBLE OUT OF SQUARE OF PIN TO MOULDING TO BE 0.10mm IN ANY DIRECTION.
  2. CONTACT LEG VARIATION ON COMPLETE ASSEMBLY NOT TO EXCEED 0.10mm.
  3. CO-PLANARITY: DEVIATION FROM FLATNESS OF SMT TAILS MUST NOT EXCEED 0.20mm.
  4. ANGULAR DISPLACEMENT OF SMT TAILS MUST NOT EXCEED 2° PER SIDE.

**THIS SKETCH IS FOR  
QUOTATION PURPOSES  
ONLY**

SPECIFICATION:  
MATERIAL:  
  MOULDING = HIGH TEMPERATURE  
  NYLON 6T, UL94V-0, BLACK  
  PINS = BRASS  
FINISH:  
  PINS: SEE BOX BELOW  
ELECTRICAL:  
  CURRENT RATING = 1A MAX  
  CONTACT RESISTANCE = 30 mΩ MAX  
  INSULATION RESISTANCE = 5,000 MΩ MIN  
  DIELECTRIC STRENGTH = 500V AC/DC  
ENVIRONMENTAL:  
  TEMPERATURE RANGE = -55°C TO +105°C  
PACKING:  
  BAG



**FINISH**  
(TICK APPLICABLE):

☐
**100% TIN**

☐
**GOLD**

DATE OF SKETCH:

---

REQUESTED BY:

---

No. OF CONTACTS PER ROW:

---

|                                                                    |                                                                |                                                                   |                                                                                                                                                                                                                                                                             |                                                                                                                           |                                                                             |                                                                                                                                                                                                                                                                                                                           |                     |
|--------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|                                                                    |                                                                |                                                                   | THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION. | <b>TOLERANCES</b><br>X. = ±1mm<br>X.X = ±0.25mm<br>X.XX = ±0.10mm<br>X.XXX = ±0.01mm<br><br>ANGLES = ±5°<br>UNLESS STATED | <b>TITLE:</b><br>1.27 x 2.54mm PITCH SIL EXTENDED<br>SMT PIN HEADER VARIANT | <b>DRAWING No.:</b><br><div style="font-size: 1.5em; font-weight: bold; display: inline-block;">M52-</div> <div style="font-size: 1.5em; font-weight: bold; display: inline-block; width: 100px; border-bottom: 1px solid black;"></div> <div style="font-size: 1.5em; font-weight: bold; display: inline-block;">R</div> | SHT<br>1<br>OF<br>1 |
| HARWIN INC<br>U.S.A.<br>TEL: (812) 542 2540<br>FAX: (812) 542 2541 | HARWIN PLC<br>U.K.<br>TEL: 023 9231 4545<br>FAX: 023 9231 4590 | HARWIN PTE<br>SINGAPORE<br>TEL: 65 6779 4909<br>FAX: 65 6779 3868 |                                                                                                                                                                                                                                                                             |                                                                                                                           |                                                                             |                                                                                                                                                                                                                                                                                                                           |                     |