



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

|                                     |          |
|-------------------------------------|----------|
| <b>FINISH</b><br>(TICK APPLICABLE): |          |
| <input type="checkbox"/>            | 100% TIN |
| <input type="checkbox"/>            | GOLD     |

DATE OF SKETCH:

REQUESTED BY:

No. OF CONTACTS PER ROW:

**HARWIN**

|  |  |   |
|--|--|---|
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TOLERANCES  
 X. = ±1mm  
 X.X = ±0.25mm  
 X.XX = ±0.10mm  
 X.XXX = ±0.01mm  
 ANGLES = ±5°  
 UNLESS STATED

TITLE:  
 1.27mm PITCH DIL EXTENDED SMT PIN HEADER VARIANT

DRAWING No.: **M50-\_\_\_\_\_T\_\_\_\_\_**

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