

## **Excellent Integrated System Limited**

Stocking Distributor

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[Harwin Inc.](#)  
[M20-9953646](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# Customer Information Sheet

DRAWING No.: M20-995XXXX SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

**NOTES:**

1. RECOMMENDED PCB MOUNTING HOLE SIZE =  $\varnothing 1.00\text{mm}$ .
2. ALL TOLERANCES ARE  $\pm 0.25\text{mm}$  UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

**SPECIFICATION:**

**MATERIAL:**  
 MOULDING = HIGH TEMP NYLON 6T UL94V-0, BLACK  
 PINS = BRASS

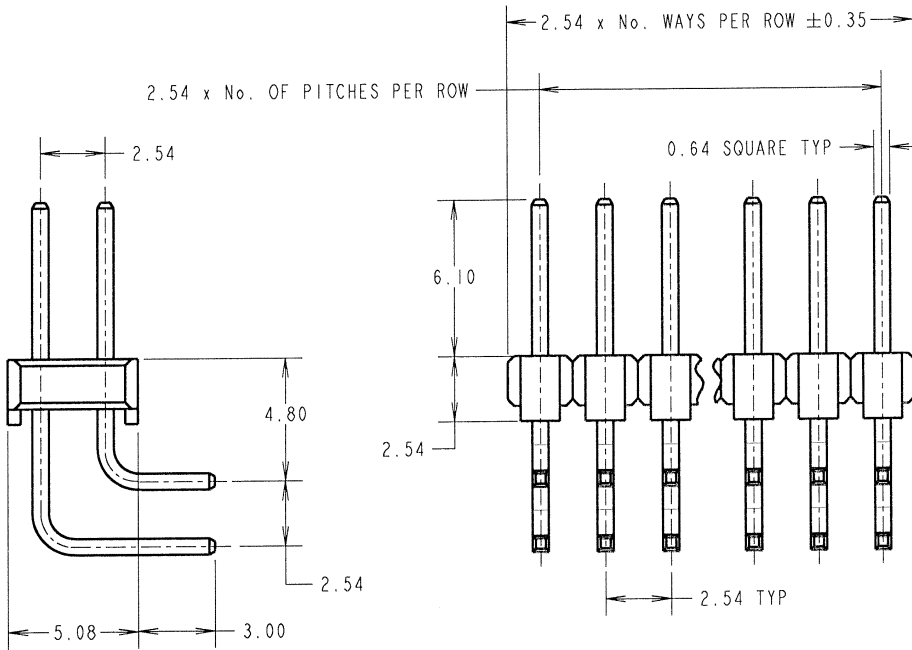
**FINISH:**  
 PINS:  
 45 = GOLD  
 46 = 100% TIN OVER NICKEL

**ELECTRICAL:**  
 CURRENT RATING = 3A MAX  
 CONTACT RESISTANCE = 25 m $\Omega$  MAX (GOLD), 30 m $\Omega$  MAX (TIN)  
 INSULATION RESISTANCE = 1,000 M $\Omega$  MIN  
 DIELECTRIC STRENGTH = 750V AC/DC

**MECHANICAL:**  
 DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**  
 BAG



ORDER CODE:  
**M20-995XXXX**

No. OF WAYS: \_\_\_\_\_  
 02 TO 40

FINISH: \_\_\_\_\_  
 45 = GOLD  
 46 = 100% TIN

JMB	22	05.12.06	9602
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>chb</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: P. ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

HARWIN INC U.S.A. TEL: (812) 542 2540 FAX: (812) 542 2541	HARWIN PLC U.K. TEL: 023 9231 4545 FAX: 023 9231 4590	HARWIN PTE SINGAPORE TEL: 65 6779 4909 FAX: 65 6779 3868
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**TOLERANCES**  
 ~~$\pm 1\text{mm}$~~   
~~X.X  $\pm 0.25\text{mm}$~~   
~~X.XX  $\pm 0.10\text{mm}$~~   
~~X.XXX  $\pm 0.01\text{mm}$~~   
 ANGLES =  $\pm 5^\circ$   
 UNLESS STATED

**MATERIAL:** SEE ABOVE  
**FINISH:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:** 2.54mm PITCH SIL HORIZONTAL PC TAIL PIN HEADER ASSEMBLY

**DRAWING NUMBER:** M20-995XXXX **SHT 2 OF 2**