

# Customer Information Sheet

DRAWING No.: M20-789XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

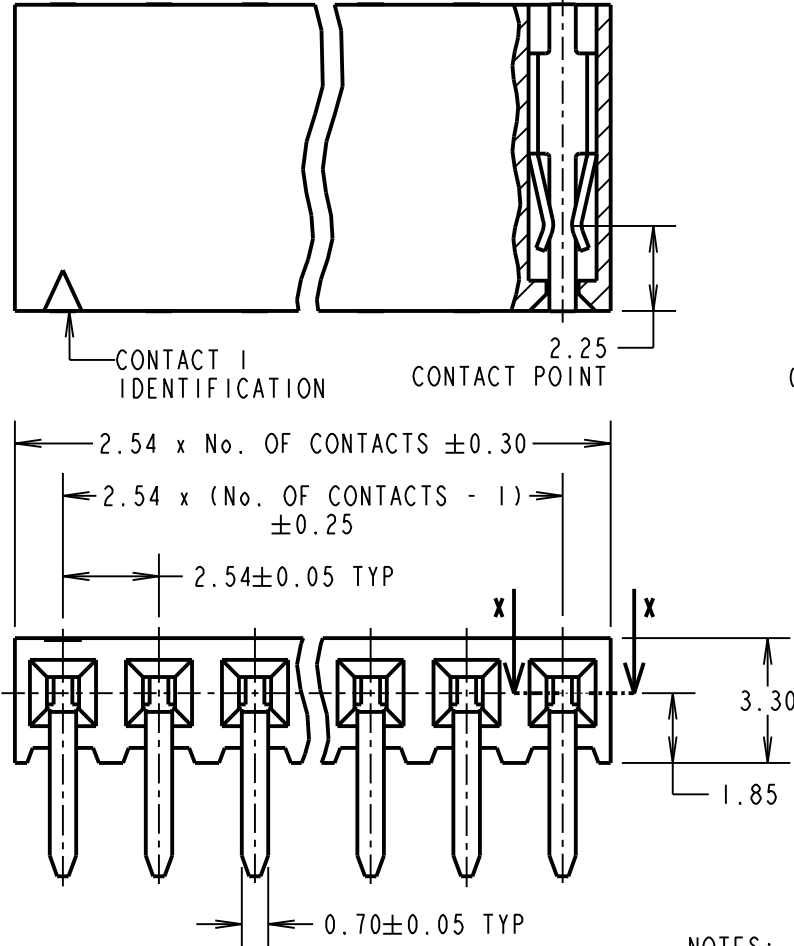
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:**

**MATERIAL:**  
 MOULDING = PA6T UL94V-0, BLACK  
 CONTACTS = PHOSPHOR BRONZE  
**FINISH (OVER NICKEL):**  
 42 = GOLD FLASH ON CONTACT AREA,  
 2.54µ 100% TIN ON TAILS  
 46 = 2.54µ 100% TIN  
**ELECTRICAL:**  
 CURRENT RATING = 3A  
 VOLTAGE PROOF = 500V AC FOR ONE MINUTE  
 CONTACT RESISTANCE = 20mΩ MAX  
 INSULATION RESISTANCE = 1,000MΩ MIN.  
**MECHANICAL:**  
 DURABILITY = 300 CYCLES MIN (GOLD),  
 50 CYCLES MIN (TIN)  
 INSERTION FORCE = 2.0N MAX PER PIN  
 WITHDRAWAL FORCE = 0.5N MIN PER PIN  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40° TO +105°  
**PACKING:**  
 TUBE  
 FOR COMPLETE SPECIFICATION SEE COMPONENT  
 SPECIFICATION C001XX (LATEST ISSUE)

**PART SECTION X-X**

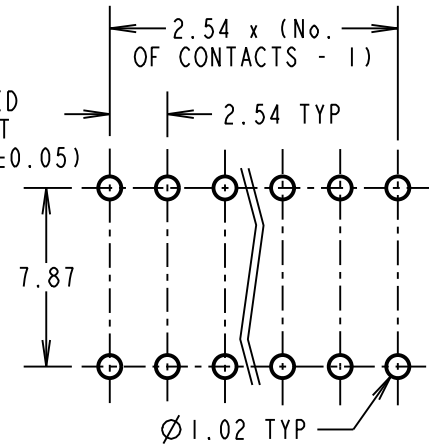


ORDER CODE: **M20-789XXXX**

No. OF CONTACTS: \_\_\_\_\_  
 02 TO 20, 25, 36, 40

FINISH: \_\_\_\_\_  
 42 = SELECTIVE GOLD + 100% TIN  
 46 = 100% TIN

RECOMMENDED  
 PCB LAYOUT  
 (TOLERANCE = ±0.05)



WJP	14	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: S. BENNETT			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:  
 1. ALL TOLERANCES ARE ±0.15  
 UNLESS OTHERWISE STATED.

**HARWIN**

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**TOLERANCES**  
~~X = ±1mm~~  
~~X.X = ±0.50mm~~  
~~X.XX = ±0.10mm~~  
~~X.XXX = ±0.01mm~~  
 ANGLES = ±5°  
 UNLESS STATED

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**

mm<sup>2</sup>

**TITLE:**

2.54mm PITCH SIL PC TAIL  
 HORIZONTAL SOCKET ASSEMBLY

**DRAWING NUMBER:**

**M20-789XXXX**

SHT  
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# Mouser Electronics

Authorized Distributor

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