

# Customer Information Sheet

DRAWING No.: M20-785XXXX

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 ON CONTACT AREA, 100% TIN ON TAILS  
 46 = 100% TIN

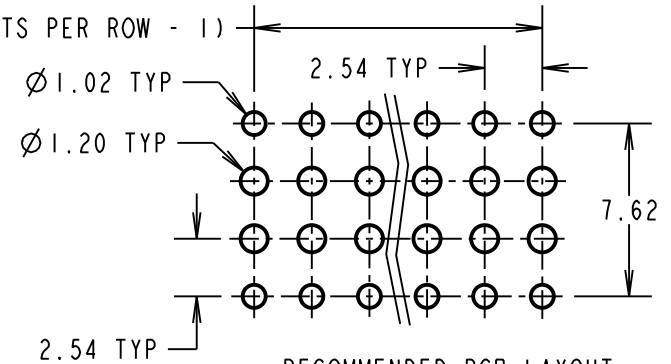
**ELECTRICAL:**  
 CURRENT RATING = 3A  
 VOLTAGE RATING = 500V AC  
 CONTACT RESISTANCE = 20mΩ MAX  
 INSULATION RESISTANCE = 1000MΩ MIN

**MECHANICAL:**  
 DURABILITY = 100 CYCLES MIN  
 INSERTION FORCE = 2.0N MAX  
 WITHDRAWAL FORCE = 0.3N MAX

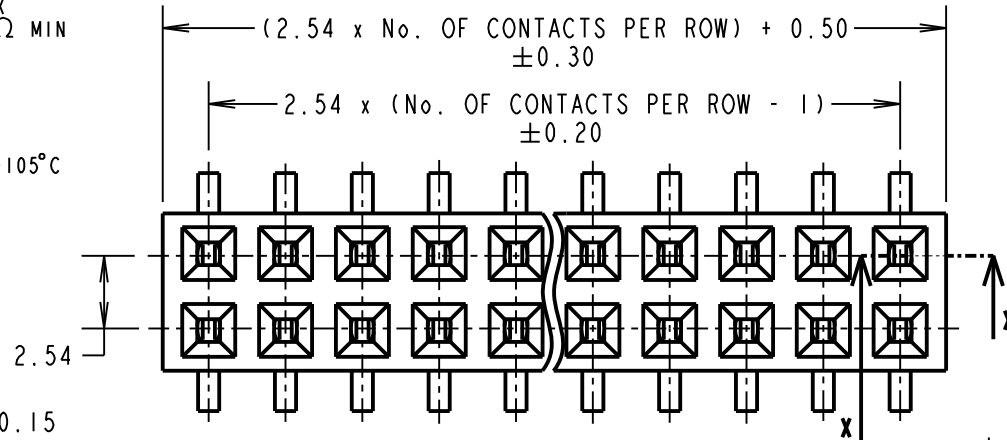
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**  
 TUBE  
 FOR COMPLETE SPECIFICATION, SEE  
 COMPONENT SPECIFICATION C001XX  
 (LATEST ISSUE)

2.54 x (No. OF CONTACTS PER ROW - 1)



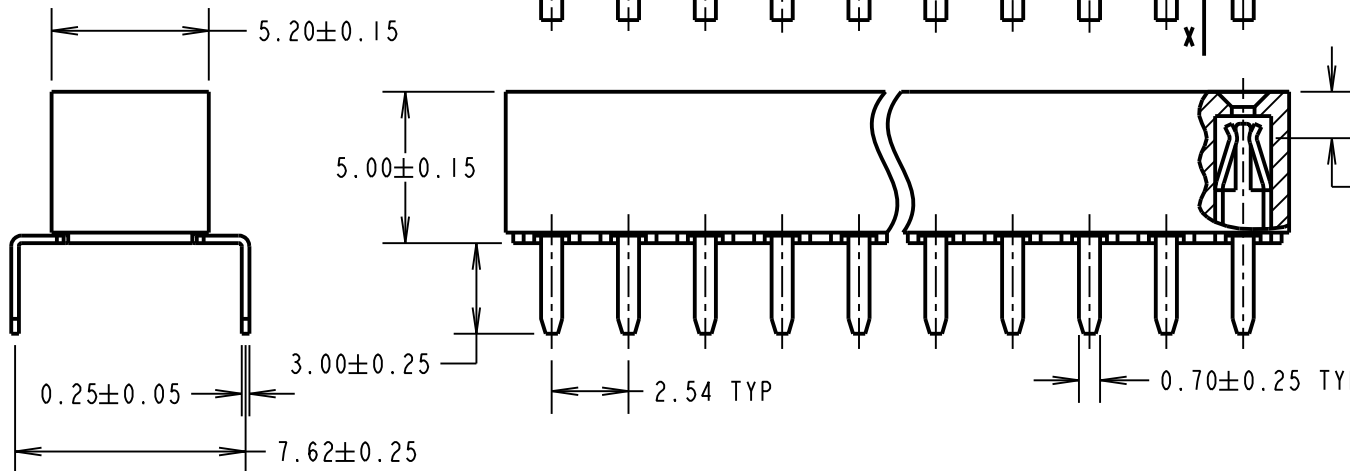
RECOMMENDED PCB LAYOUT  
 (TOLERANCE = ±0.05)



ORDER CODE: **M20-785XXXX**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
 02 TO 20, 30

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



1.53±0.25  
 CONTACT POINT

PART  
 SECTION  
 X-X

MGP	11	31.10.18	21606
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**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 DIL PC TAIL  
 DUAL ENTRY SOCKET ASSY

**DRAWING NUMBER:**  
**M20-785XXXX**

SHT  
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