

# Customer Information Sheet

DRAWING No.: M20-788XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION:**

**MATERIAL:**

MOULDING = PA9T 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 PROOF = 1000V AC  
CONTACT RESISTANCE = 20mΩ MAX  
INSULATION RESISTANCE = 1,000MΩ MIN

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**MECHANICAL:**

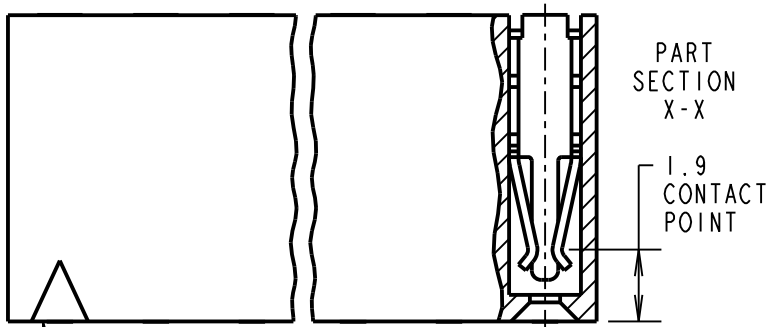
INSERTION FORCE = 1.96N MAX  
WITHDRAWAL FORCE = 0.29N MIN  
DURABILITY = 300 OPERATIONS

**PACKING:**

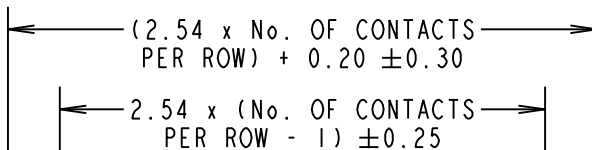
TUBE  
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COO1XX (LATEST ISSUE)

**Active products:**

- M20-78802XX
- M20-78803XX
- M20-78804XX
- M20-78805XX
- M20-7880646
- M20-7880742
- M20-78808XX
- M20-78809XX
- M20-78810XX
- M20-78812XX
- M20-7881446
- M20-78816XX
- M20-7882046
- M20-7882546



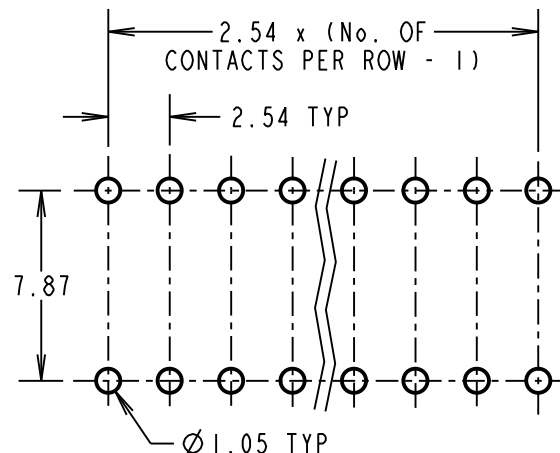
CONTACT 1 IDENTIFICATION



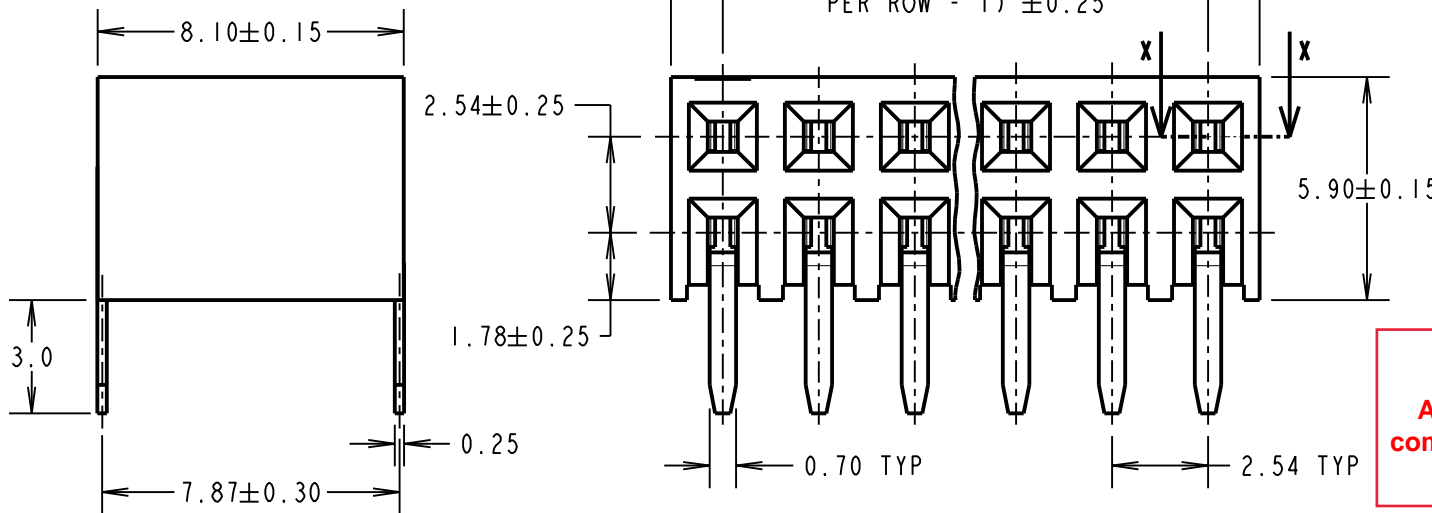
ORDER CODE: **M20-788XXX**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
02 TO 20, 25, 35, 36

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



RECOMMENDED PCB LAYOUT (TOLERANCE = ±0.05)



**OBSOLETE**  
All other size/finish combinations not listed above

WJP	11	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PERREN			
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 HORIZONTAL SOCKET ASSEMBLY

**DRAWING NUMBER:**  
**M20-788XXX**

SHT  
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