

# Customer Information Sheet

DRAWING No.: M20-788XXXX

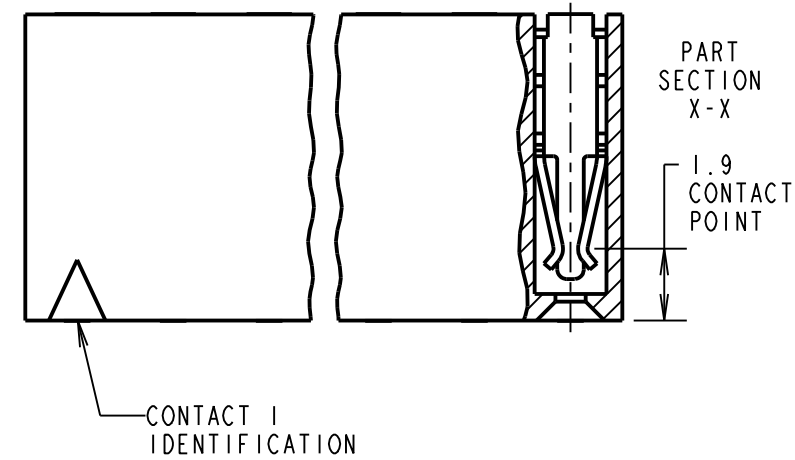
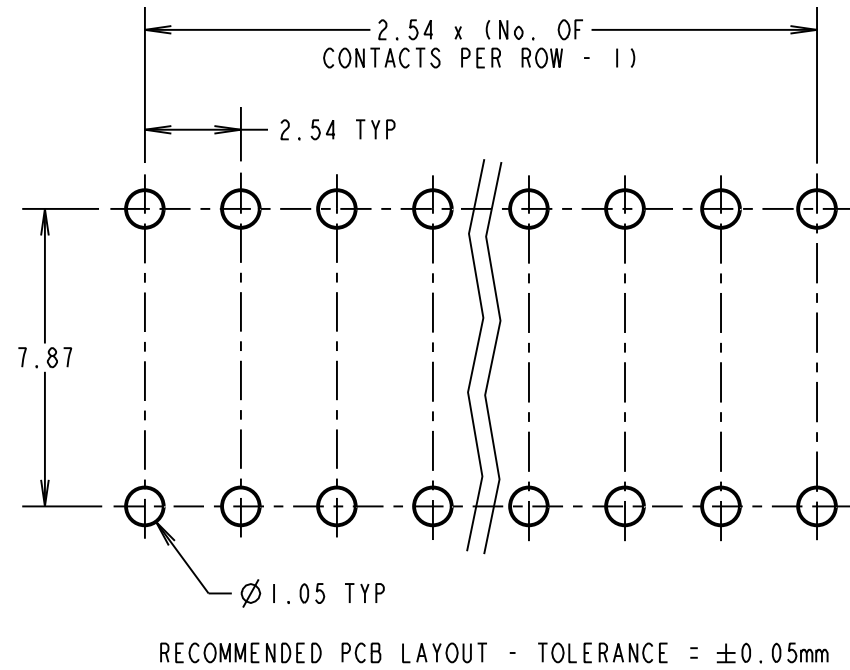
IF IN DOUBT - ASK

©

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

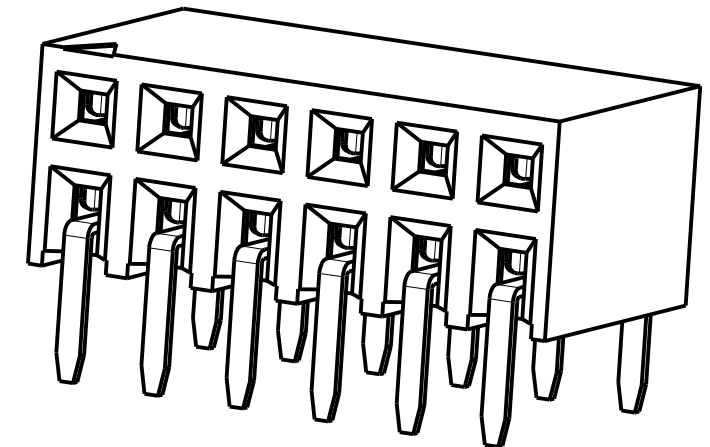
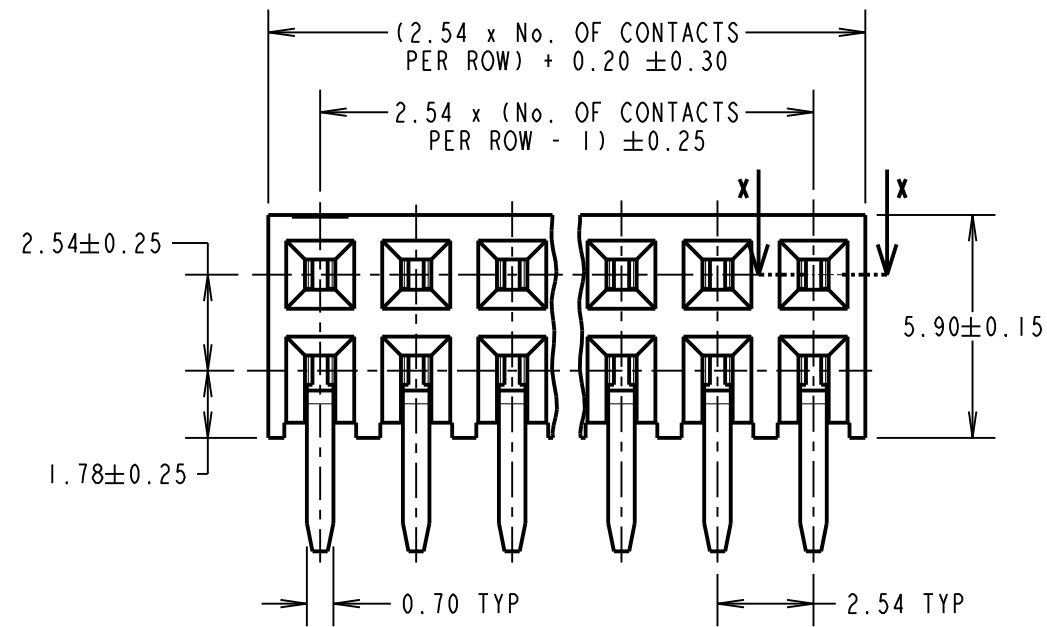
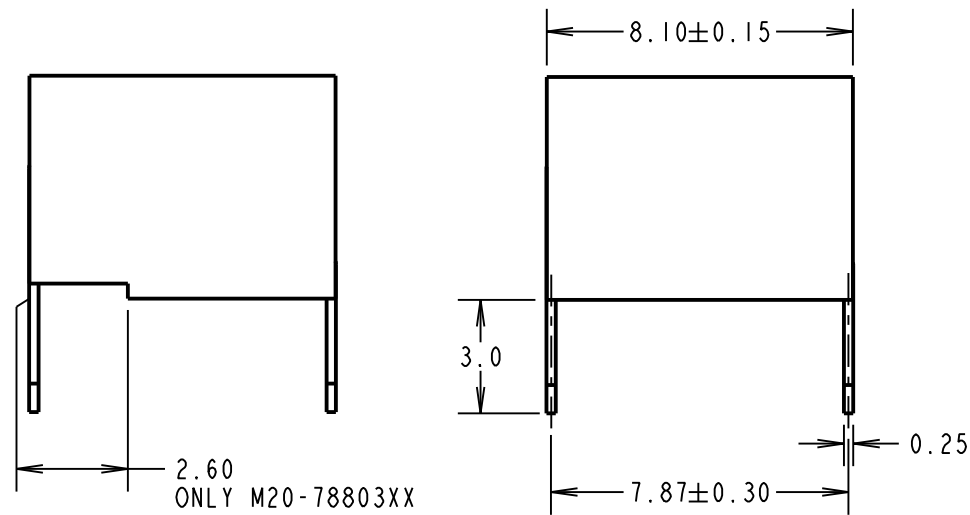
WITHDRAWAL FORCE = 0.29N MIN

DURABILITY = 300 OPERATIONS

PACKING:

TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COOIXX (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

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

ORDER CODE: **M20-788XXXX**

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

FINISH:

42 = SELECTIVE GOLD + 100% TIN

46 = 100% TIN

**HARWIN**

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TOLERANCES

X. = ±1mm

X.X = ±0.50mm

X.XX = ±0.20mm

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: **M20-788XXXX**

SHT 2 OF 2

MGP	12	18.08.21	30776
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Harwin:

[M20-7881642](#) [M20-7881646](#) [M20-7880446](#) [M20-7880442](#) [M20-7881442](#) [M20-7881446](#) [M20-7880246](#) [M20-7880242](#) [M20-7881046](#) [M20-7881042](#) [M20-7881842](#) [M20-7881846](#) [M20-7880642](#) [M20-7880646](#) [M20-7883546](#) [M20-7883542](#) [M20-7882546](#) [M20-7882542](#) [M20-7883642](#) [M20-7883646](#) [M20-7882042](#) [M20-7882046](#) [M20-7881542](#) [M20-7881546](#) [M20-7880346](#) [M20-7880342](#) [M20-7881146](#) [M20-7881142](#) [M20-7880742](#) [M20-7880746](#) [M20-7881942](#) [M20-7881946](#) [M20-7881742](#) [M20-7881746](#) [M20-7880546](#) [M20-7880542](#) [M20-7880946](#) [M20-7880942](#) [M20-7881342](#) [M20-7881346](#) [M20-7881242](#) [M20-7881246](#) [M20-7880846](#) [M20-7880842](#)