

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 = $20m\Omega$ MAX

INSULATION RESISTANCE = $1,000M\Omega$ MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO $+105^{\circ}\text{C}$

MECHANICAL:

INSERTION FORCE = 1.96N MAX

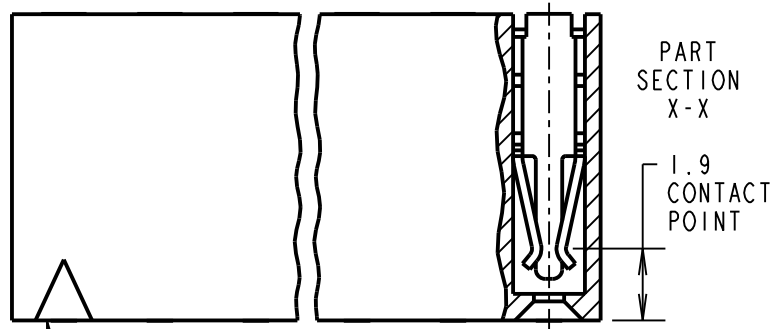
WITHDRAWAL FORCE = 0.29N MIN

DURABILITY = 300 OPERATIONS

PACKING:

TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE)



PART
SECTION
X-X

1.9
CONTACT
POINT

CONTACT 1
IDENTIFICATION

ORDER CODE:

M20-788XXX

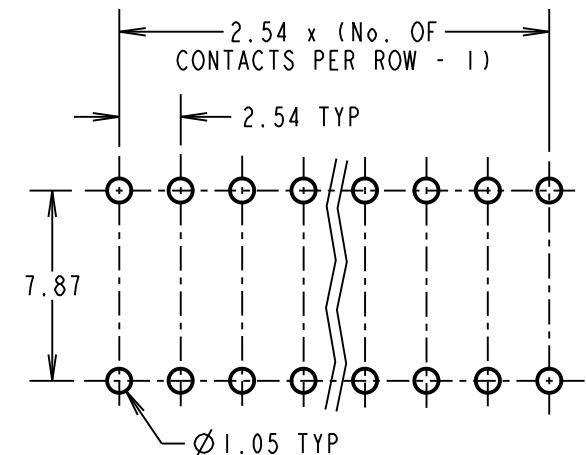
No. OF CONTACTS PER ROW:

02 TO 20, 25, 35, 36

FINISH:

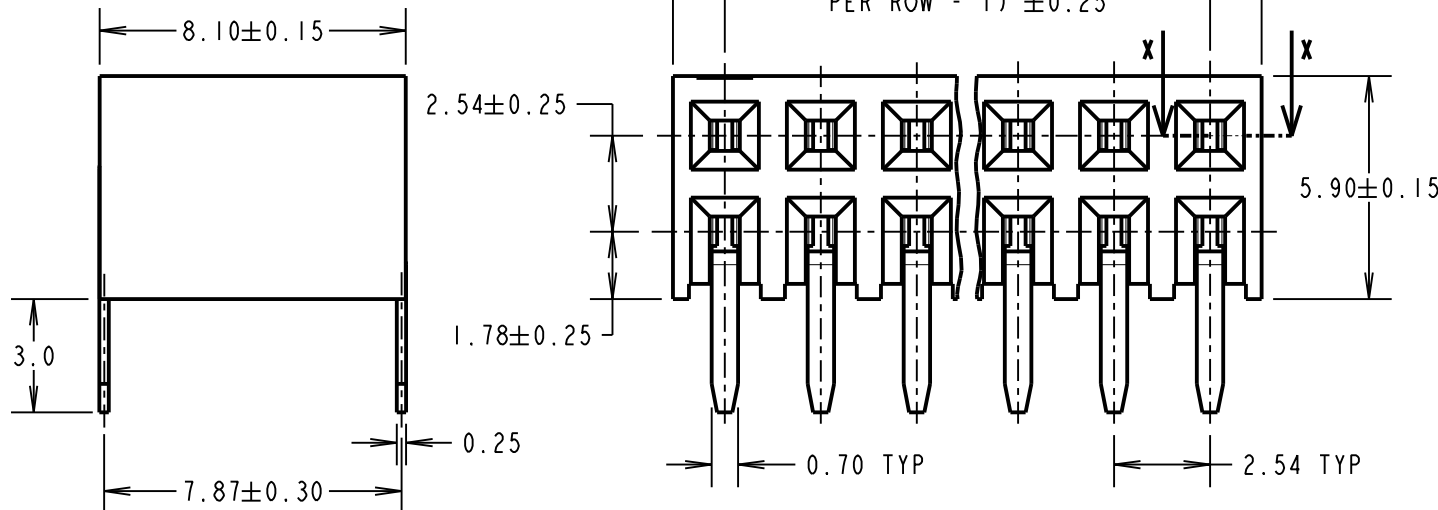
42 = SELECTIVE GOLD + 100% TIN

46 = 100% TIN



RECOMMENDED
PCB LAYOUT
(TOLERANCE = ± 0.05)

WJP	II	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PERREN			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			



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TOLERANCES

X. = $\pm 1\text{mm}$

X.X = $\pm 0.50\text{mm}$

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: mm²

TITLE:

2.54mm PITCH DIL PC TAIL
HORIZONTAL SOCKET ASSEMBLY

DRAWING NUMBER:

M20-788XXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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