

Customer Information Sheet

DRAWING No.: M20-789XXXX

SHEET 2 OF 2

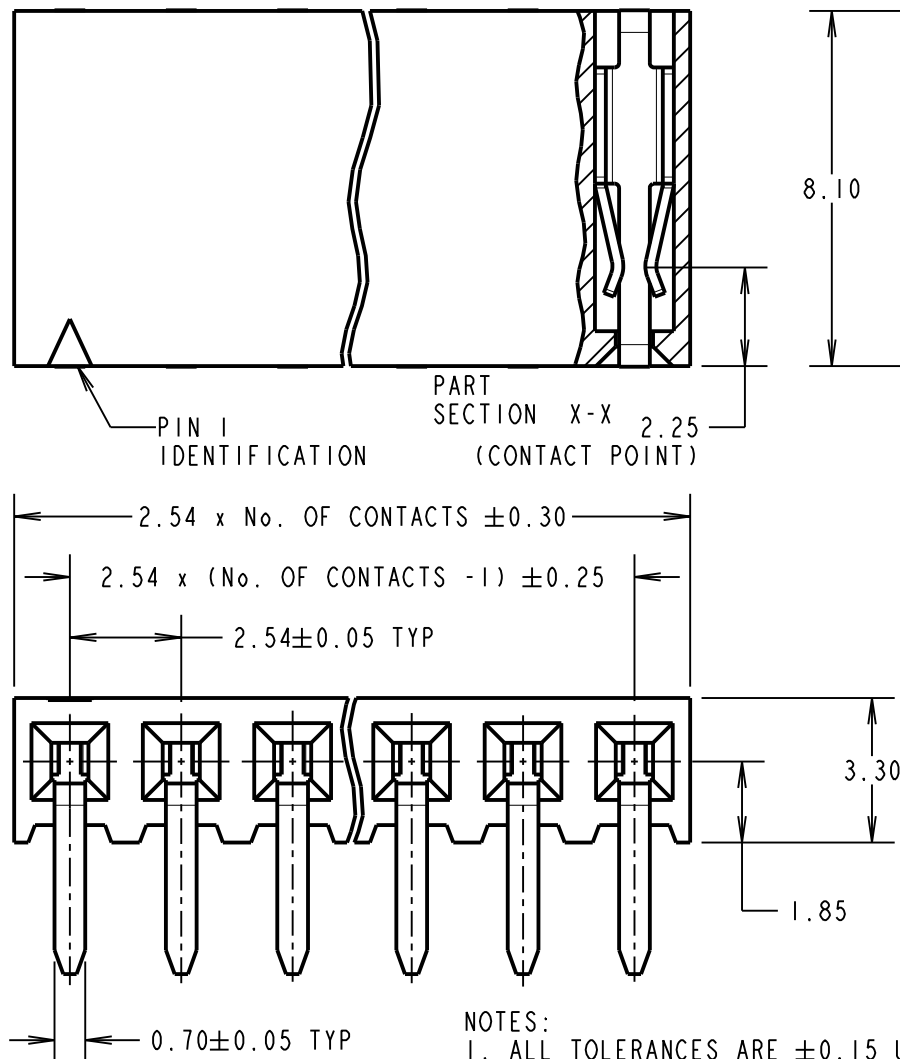
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**NOTES:**

1. ALL TOLERANCES ARE ± 0.15 UNLESS OTHERWISE STATED.

SPECIFICATION:**MATERIAL:**

MOULDING = NYLON 6T, UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH (OVER NICKEL):42 = GOLD ON CONTACT AREA,
2.54 μ 100% TIN OVER NICKEL ON TAILS46 = 2.54 μ 100% TIN OVER NICKEL**ELECTRICAL:**

CURRENT RATING = 3A

VOLTAGE PROOF = 500V AC FOR ONE MINUTE

CONTACT RESISTANCE = 20m Ω MAXINSULATION RESISTANCE = 1,000M Ω MIN.**MECHANICAL:****DURABILITY:**

GOLD = 300 CYCLES MIN

TIN = 50 CYCLES MIN

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 COOIXX (LATEST ISSUE)

ORDER CODE:

M20-789XXXX

No. OF CONTACTS:

02 TO 40

FINISH:

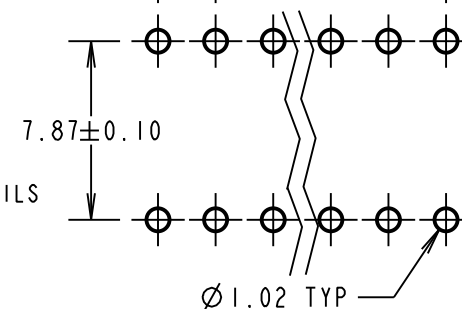
42 - SELECTIVE GOLD + 100% TIN

46 - 100% TIN

RECOMMENDED PCB LAYOUT

TOLERANCE = ± 0.05 2.54 x (No. OF
CONTACTS - 1) ± 0.10

2.54 TYP



MSP	I3	17.01.17	I3421
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		J. EVANS	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X = $\pm 1mm$
X.X = $\pm 0.50mm$
X.XX = $\pm 0.10mm$
X.XXX = $\pm 0.01mm$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:mm²**TITLE:**

2.54mm PITCH SIL PC TAIL
HORIZONTAL SOCKET ASSEMBLY

DRAWING NUMBER:**M20-789XXXX**

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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