

Customer Information Sheet

DRAWING No.: M20-982XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

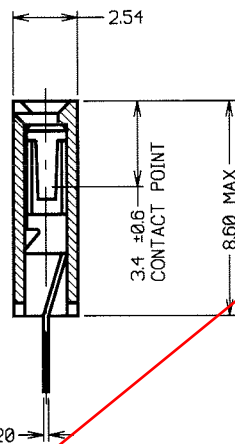
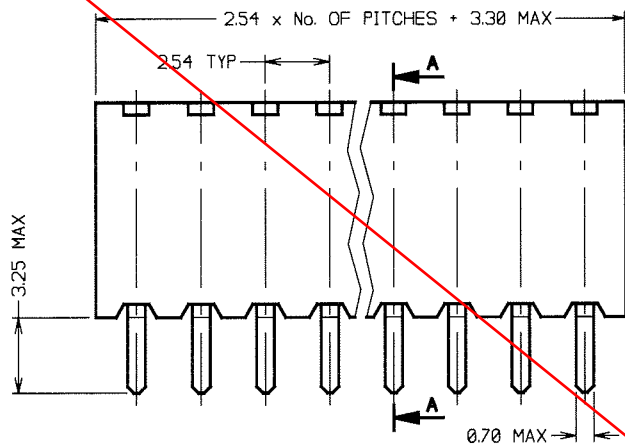
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

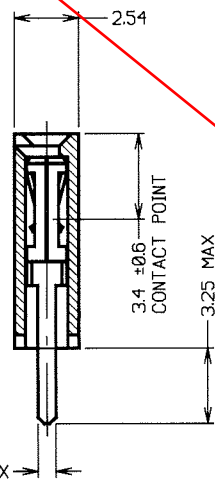
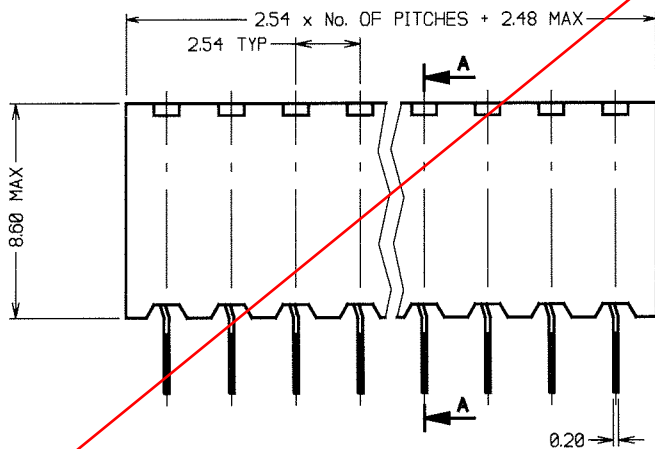
ALL DIMENSIONS IN mm

TYPE A - 4 TO 36 WAYS INCLUSIVE:



SECTION A-A

TYPE B - 2 AND 3 WAYS:



SECTION A-A

NOTES:

1. RECOMMENDED PCB HOLE = $\varnothing 0.85$ MIN.
2. MAXIMUM PIN LENGTH = 7.0mm.

ORDER CODE:

M20-982XXXX

No. OF WAYS
02 TO 36

FINISH:

- 06 = TIN/LEAD
- 22 = SELECTIVE GOLD

SPECIFICATION:

MATERIAL:
MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE

FINISH:

- 06 = 3 μ 90/10 TIN/LEAD
- 22 = 0.13 μ GOLD ON CONTACT FACE
- 3 μ 90/10 TIN/LEAD ON TAILS

ELECTRICAL:

- CURRENT RATING AT 25° = 30A MAX.
- CURRENT RATING AT 85° = 2.0A MAX.
- VOLTAGE PROOF AT 50 HZ = 750V AC/DC
- CONTACT RESISTANCE (INITIAL) = 06 - 20 MILLIOHMS MAX.
- CONTACT RESISTANCE (AFTER CONDITIONING) = 06 - 15 MILLIOHMS MAX.
- CONTACT RESISTANCE (INITIAL) = 22 - 30 MILLIOHMS MAX.
- CONTACT RESISTANCE (AFTER CONDITIONING) = 22 - 25 MILLIOHMS MAX.

INSULATION RESISTANCE (INITIAL) = 100,000 MEGOHMS MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) = 1,000 MEGOHMS MIN.

MECHANICAL:

- DURABILITY - 06 = 50 OPERATIONS
- DURABILITY - 22 = 300 OPERATIONS
- INSERTION FORCE = 3N MAX, IN MIN
- WITHDRAWAL FORCE = 1.5N MAX, 0.5N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

OBSOLETE

15	25.01.00	5151
ISS.	DATE	C/NOTE
APPROVED:		
CHECKED:		
DRAWN: J. KEIR		
CUSTOMER REF.:		
ASSEMBLY DRG:		

HARWIN

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±1°
UNLESS STATED

MATERIAL:
SEE ABOVE
FINISH: SEE TABLE
S/AREA: mm²

TITLE:
2.54mm SIL VERTICAL PC TAIL SOCKET (NARROW PROFILE)
DRAWING NUMBER:
M20-982XXXX

SHT
OF
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