

Customer Information Sheet

DRAWING No.: M80-771XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-771XXXX

TOTAL No. OF WAYS

04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH:

22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
42 - GOLD ON CONTACT AREA
100% TIN ON TAILS
45 - GOLD

NOTES:

1. 2-OFF STRAIN RELIEF STRAP
M80-0030006 ARE INCLUDED
WITH EACH CONNECTOR.

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ TIN/LEAD ON TAILS42 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 100% TIN ON TAILS

45 = 0.75µ GOLD

LATCH = 1.25µ NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX.

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.

INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN.

MECHANICAL:

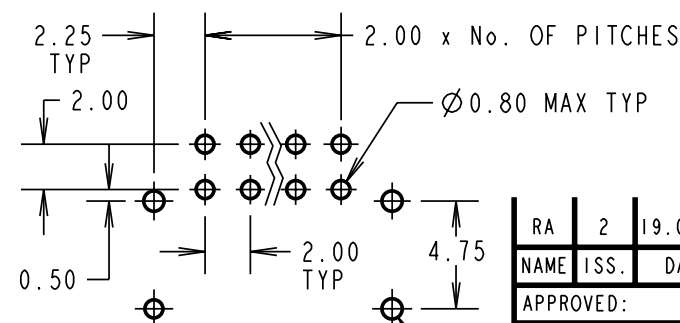
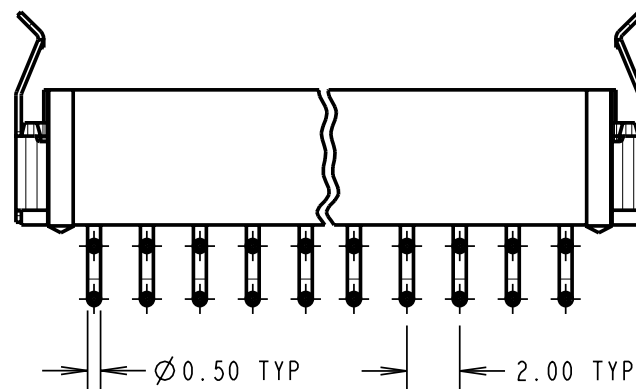
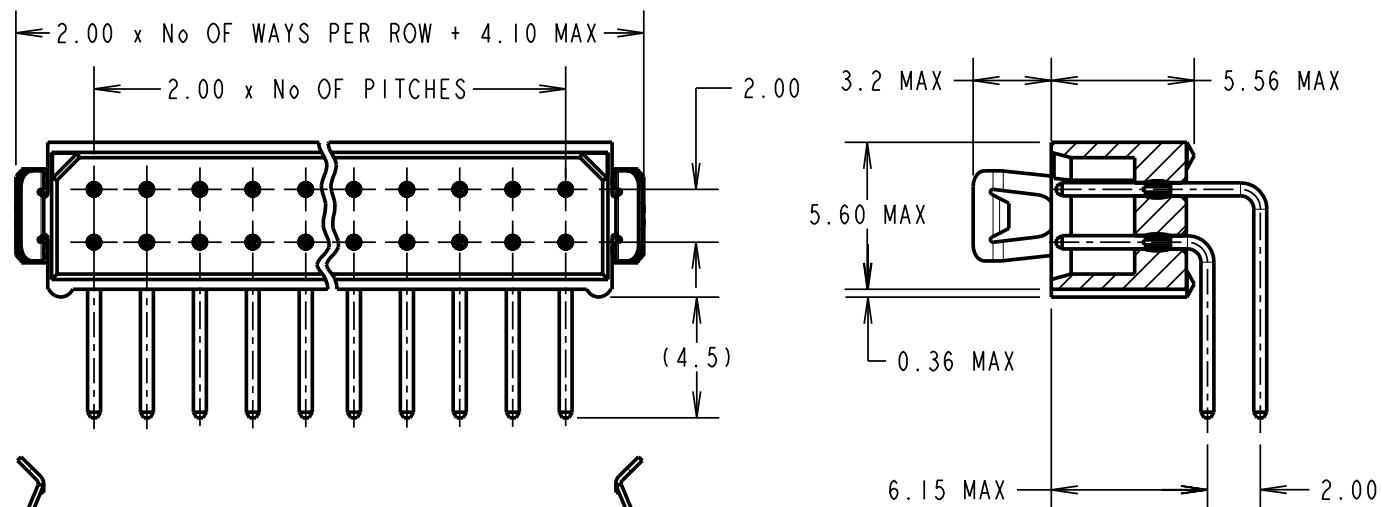
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)STRAIN RELIEF STRAP HOLES
 $\varnothing 0.90 \text{ MIN TYP}$ RECOMMENDED
PCB LAYOUT

RA	2	19.08.08	10127
NAME	ISS.	DATE	C/NOTE
APPROVED: R.ADDE			
CHECKED: M.G.PLESTED			
DRAWN: JM BROOKES			
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 = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²TITLE: DATAMATE DIL
HORIZONTAL MALE PC TAIL
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-771XXXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-7710442](#) [M80-7710642](#) [M80-7710842](#) [M80-7711042](#) [M80-7711242](#) [M80-7711442](#) [M80-7711642](#) [M80-7711842](#) [M80-7712042](#) [M80-7712642](#) [M80-7713442](#) [M80-7714442](#) [M80-7712622](#) [M80-7710445](#) [M80-7710645](#) [M80-7710845](#) [M80-7711045](#) [M80-7711245](#) [M80-7711445](#) [M80-7711645](#) [M80-7711845](#) [M80-7712045](#) [M80-7712645](#) [M80-7713445](#) [M80-7714445](#) [M80-7711622](#) [M80-7712022](#) [M80-7710822](#) [M80-7711422](#) [M80-7710622](#) [M80-7711822](#) [M80-7713422](#) [M80-7710422](#) [M80-7714422](#) [M80-7711022](#) [M80-7711222](#)