

Customer Information Sheet

DRAWING No.: M80-665XXXX

SHEET 2 OF 2

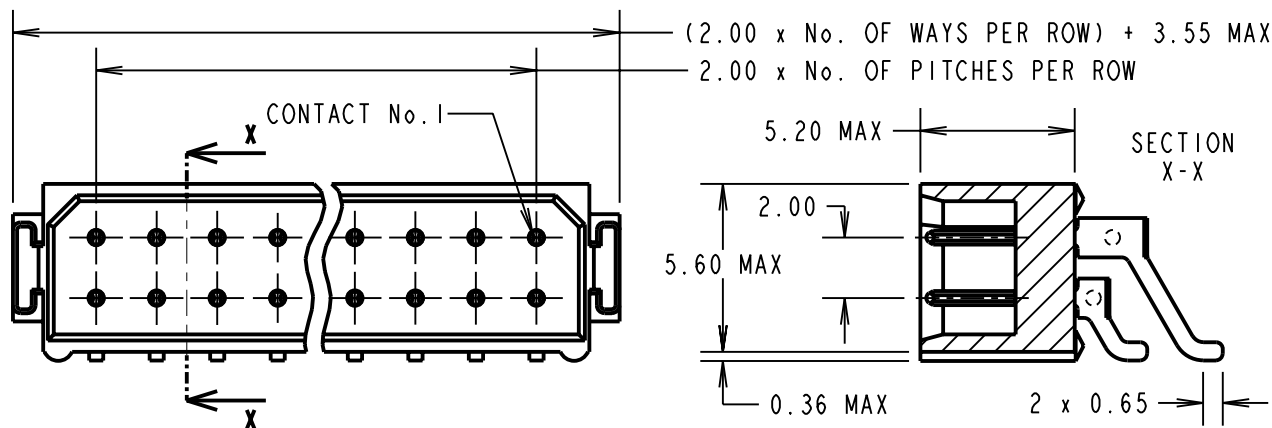
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK
CONTACT = BRASS

FINISH:

CONTACT:

22 = 0.75µ GOLD ON CONTACT AREA,
0.3µ 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
0.3µ 100% TIN ON TAILS
45 = 0.75µ GOLD OVER NICKEL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 mΩ MAX
INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

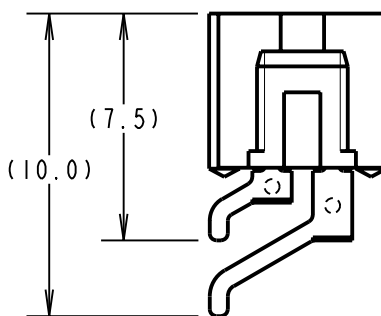
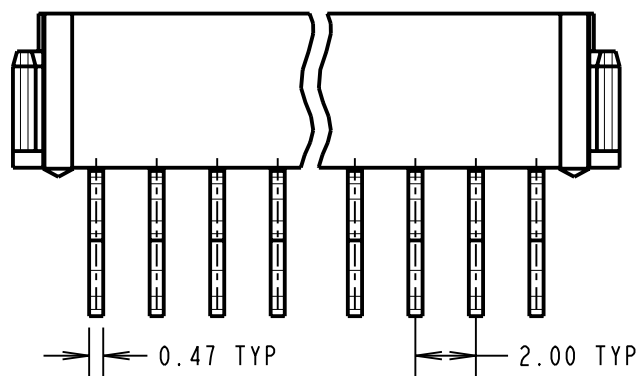
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

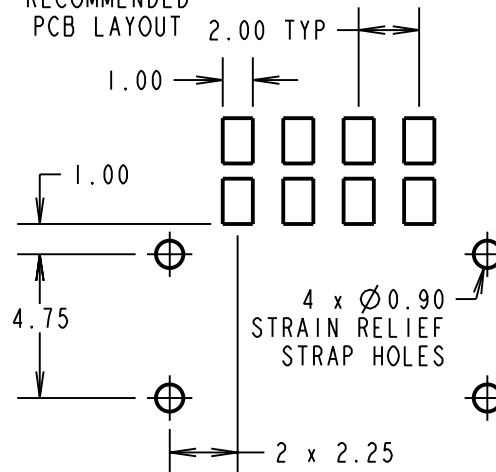
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE, 2-OFF STRAIN RELIEF STRAPS PER CONNECTOR IN BAG
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT



ORDER CODE:

M80-665XXXX

No. OF CONTACTS

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

FINISH

22 - GOLD, 90/10 TIN/LEAD
42 - GOLD, 100% TIN
45 - ALL OVER GOLD

RA	2	11.11.09	10554
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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: mm²

TITLE: STANDARD DATAMATE
DIL HORIZONTAL SMT MALE
ASSEMBLY (UNLATCHED)

DRAWING NUMBER:

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SHT
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