

Customer Information Sheet

DRAWING No.: M80-666XXX

SHEET 2 OF 2

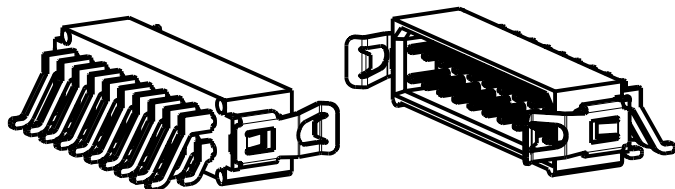
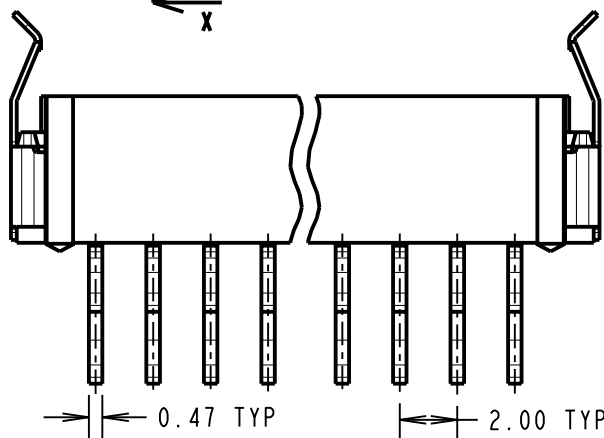
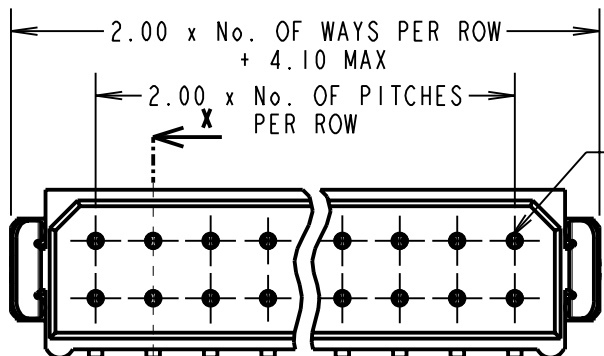
IF IN DOUBT - ASK

(C)

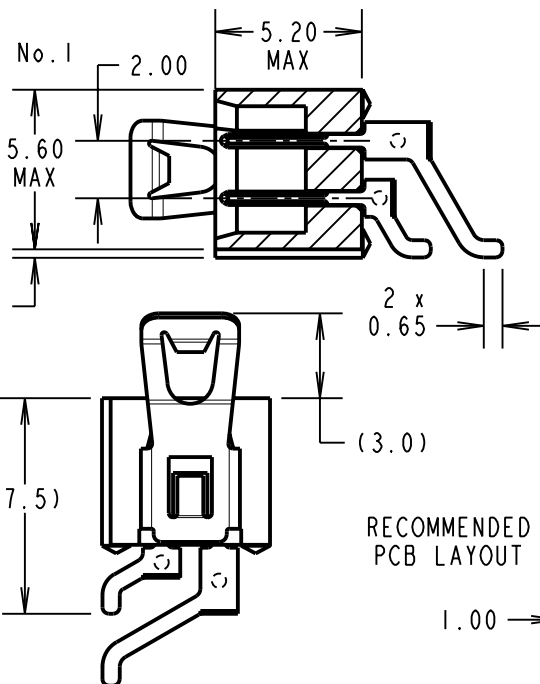
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X



ORDER CODE:

M80-666XXX

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

SPECIFICATIONS:

MATERIAL:

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

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
LATCH = 1.25µ 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

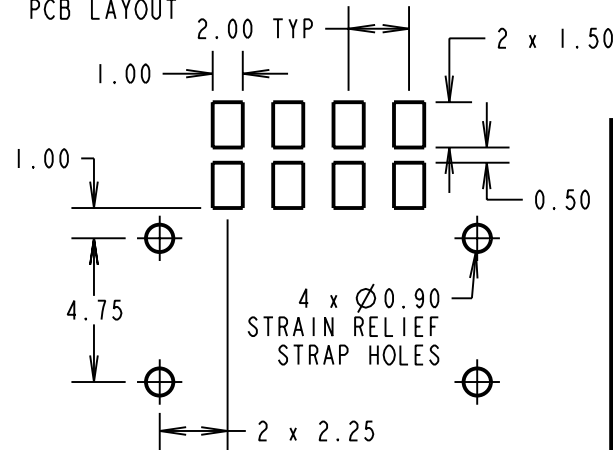
ENVIRONMENTAL:

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



RA	3	11.11.09	10554
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G.PLESTED			
DRAWN: W. J. BOURNE			
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: mm²

TITLE:

STANDARD DATAMATE
DIL HORIZONTAL SMT MALE
ASSEMBLY (LATCHED)

DRAWING NUMBER:

M80-666XXX

SHT
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