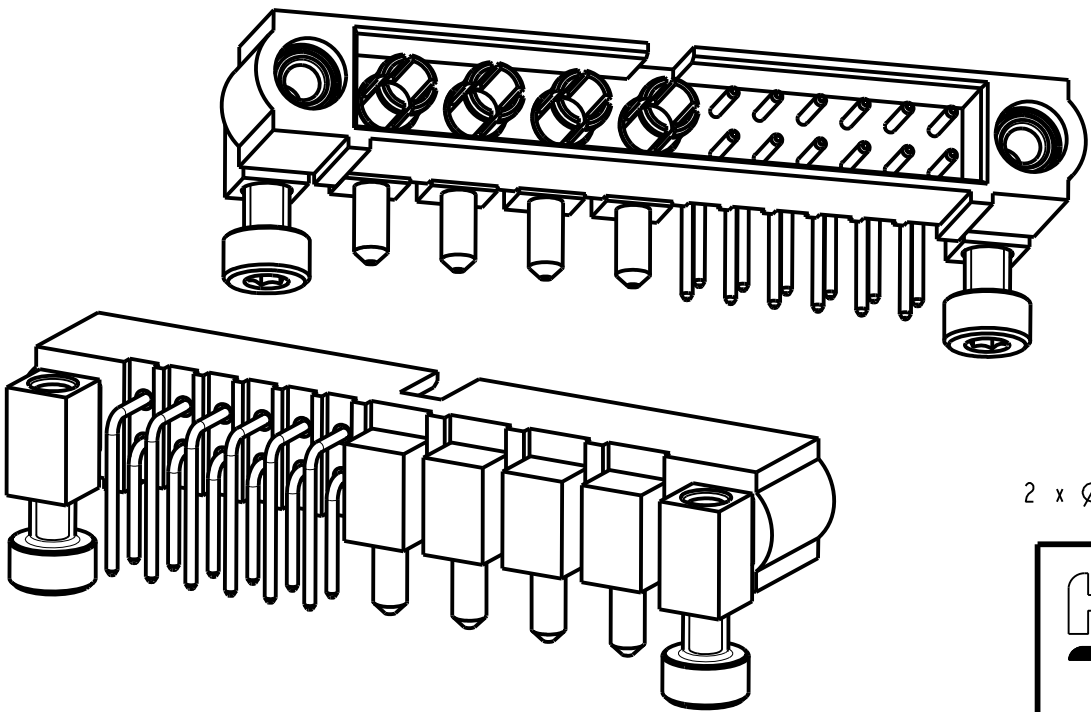
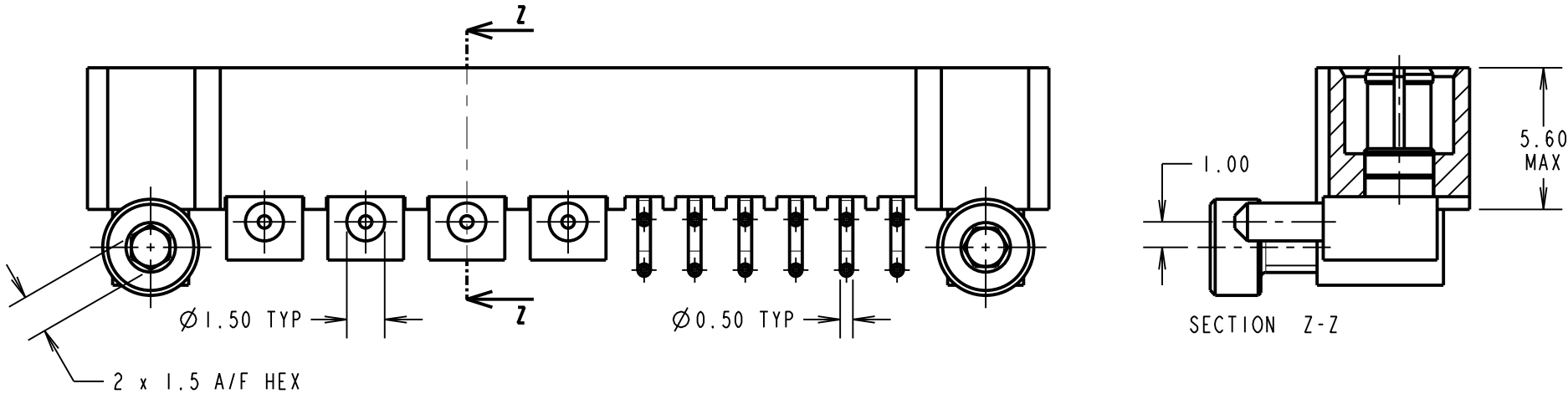
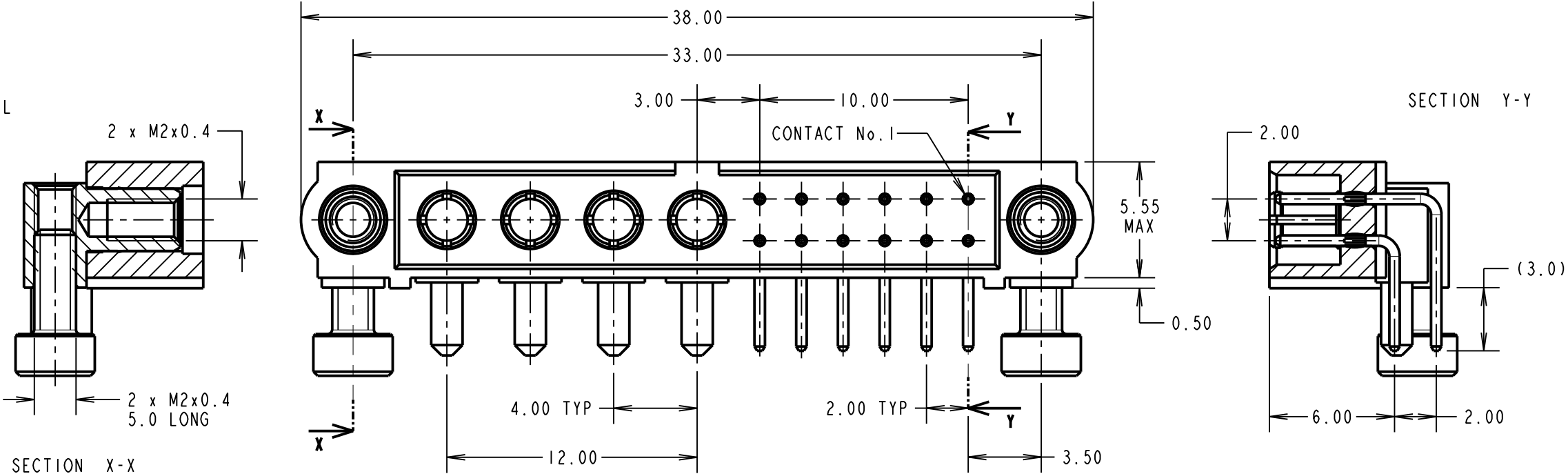


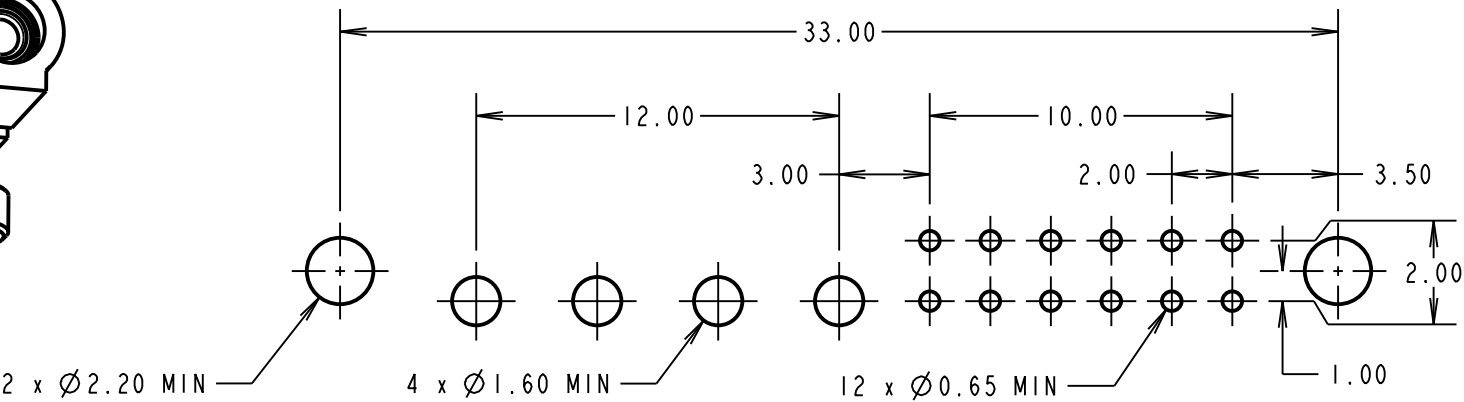
# Customer Information Sheet

SPECIFICATIONS:

MATERIAL:  
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK  
SIGNAL CONTACT: PHOSPHOR BRONZE  
POWER CONTACT: COPPER ALLOY  
BOARD-MOUNT JACKSCREW, SCREW: STAINLESS STEEL  
FINISH:  
SIGNAL CONTACT: 0.75µ GOLD  
POWER CONTACT: GOLD OVER NICKEL  
ELECTRICAL:  
WORKING VOLTAGE = 800V AC/DC  
VOLTAGE PROOF = 1200V AC/DC  
INSULATION RESISTANCE = 100MΩ MIN  
SIGNAL CONTACT:  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
CONTACT RESISTANCE = 25 mΩ MAX  
POWER CONTACT:  
CONTACT RESISTANCE 6 mΩ MAX  
CURRENT RATING = 20A MAX  
MECHANICAL:  
DURABILITY = 500 OPERATIONS  
SIGNAL CONTACT:  
INSERTION FORCE = 2.8N MAX  
WITHDRAWAL FORCE = 0.2N MIN  
POWER CONTACT:  
INSERTION FORCE = 8N MAX  
WITHDRAWAL FORCE = 0.5N MIN  
ENVIRONMENTAL:  
TEMPERATURE RANGE = -55°C TO +125°C  
PACKING:  
TUBE  
FOR COMPLETE SPECIFICATION SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT



|                      |      |          |        |
|----------------------|------|----------|--------|
| MGP                  | I    | 28.05.13 | ----   |
| NAME                 | ISS. | DATE     | C/NOTE |
| APPROVED: MGP        |      |          |        |
| CHECKED: SF          |      |          |        |
| DRAWN: M. G. PLESTED |      |          |        |
| CUSTOMER REF.:       |      |          |        |
| ASSEMBLY DRG:        |      |          |        |

**HARWIN**

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technical@harwin.com

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INFORMATION OR DESCRIPTIVE  
MATTER SET OUT HEREON ARE  
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DISCLOSED, LOANED, COPIED  
OR USED FOR MANUFACTURING,  
TENDERING OR FOR ANY  
OTHER PURPOSE WITHOUT  
THEIR WRITTEN PERMISSION.

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:

mm<sup>2</sup>

TITLE: JACKSCREW DATAMATE  
MIXED TECHNOLOGY HORIZONTAL  
PC TAIL MALE ASSEMBLY

DRAWING NUMBER:  
**M80-5L11205M7-00-000-04-333**

SHT  
2  
OF 2