

Customer Information Sheet

DRAWING No.: M80-851XXXX

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATONS:

MATERIAL:

 MOULDING = GLASS-FILLED PPS UL94V-0, BLACK

 CONTACTS = PHOSPHOR BRONZE

 LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS (ALL OVER NICKEL):

 22 = 0.75µm GOLD ON CONTACT AREA,
 3.0µm 90/10 TIN/LEAD ON TAILS

 42 = 0.75µm GOLD ON CONTACT AREA,
 3.0µm 100% TIN ON TAILS

 45 = 0.75µm GOLD

LATCH = 1.25µm NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE (INITIAL) = 20mΩ MAX.

CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX.

INSULATION RESISTANCE (INITIAL) = 1000MΩ MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ MIN.

MECHANICAL:

DURABILITY = 500 OPERATIONS

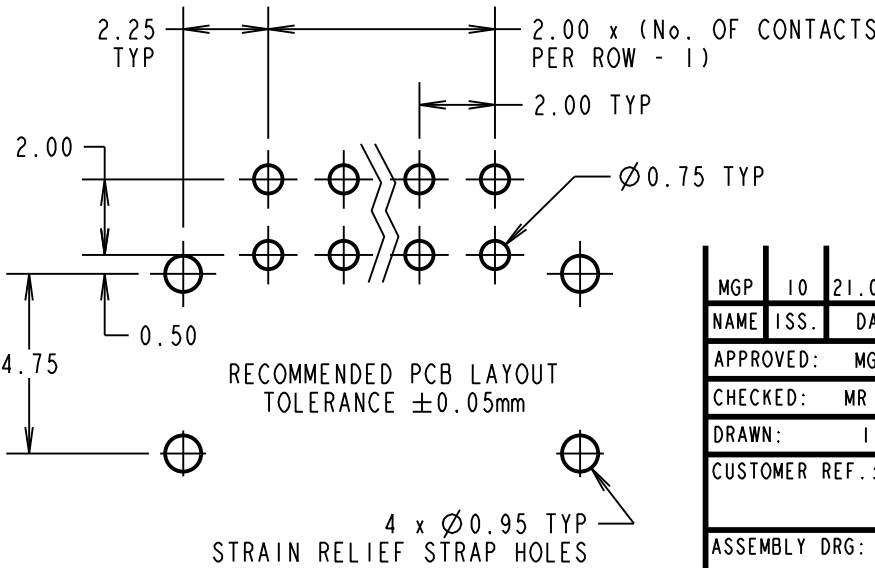
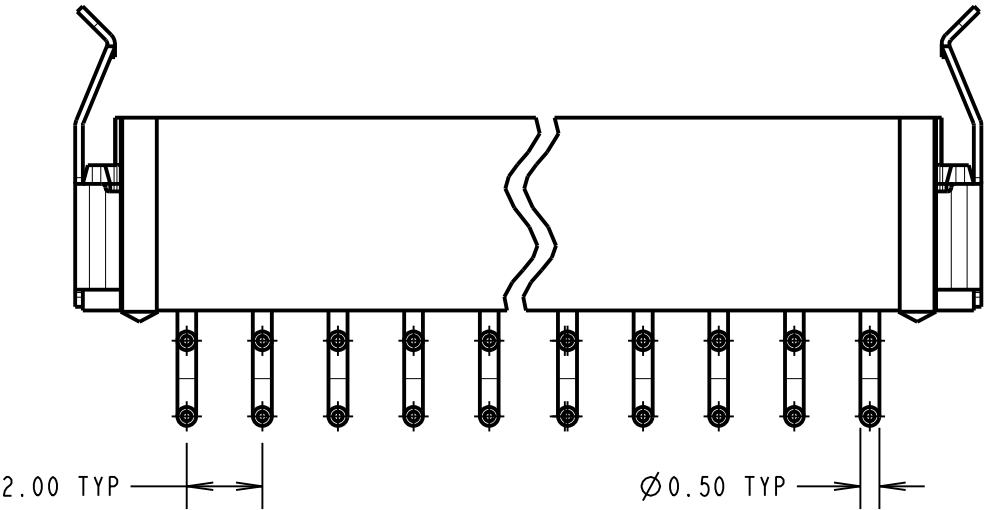
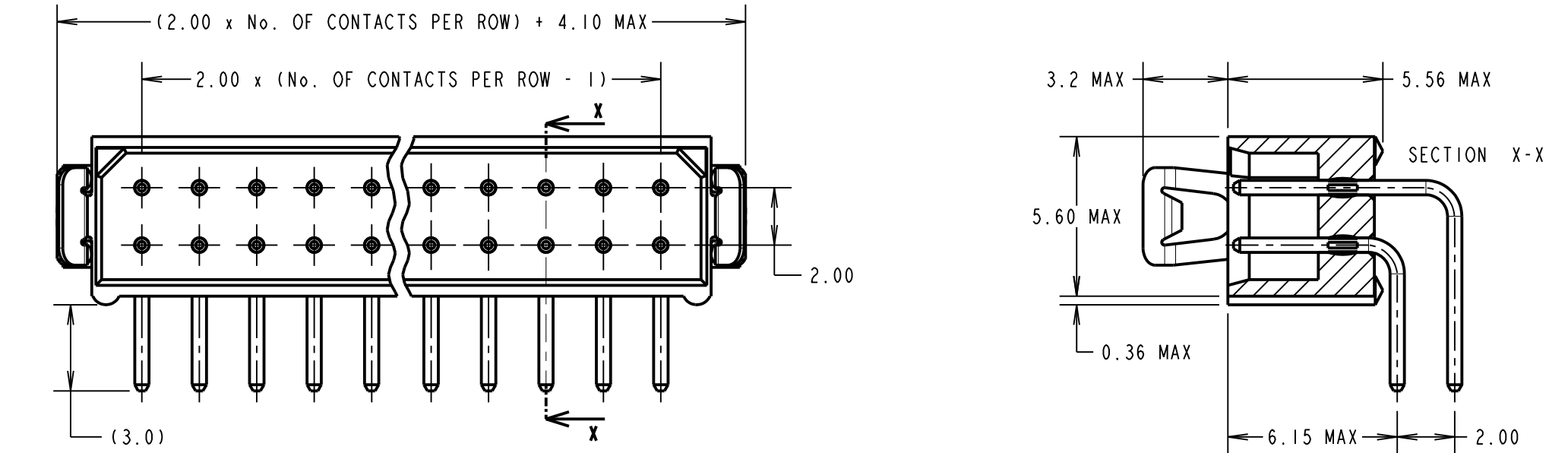
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



ORDER CODE: **M80-851XXXX**

TOTAL No. OF CONTACTS: _____

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

FINISH: _____

22 = SELECTIVE GOLD + TIN/LEAD

42 = SELECTIVE GOLD + 100% TIN

45 = GOLD

NOTES:

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

HARWIN

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TOLERANCES

X. = ±1mm

X.X = ±0.50mm

X.XX = ±0.20mm

X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE DIL
HORIZONTAL 90° TAIL PLUG
ASSEMBLY - LATCHED

DRAWING NUMBER: **M80-851XXXX**

SHT 2 OF 2

MGP	10	21.01.21	22137
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: I. SANDY			
CUSTOMER REF.:			
ASSEMBLY DRG:			