

Customer Information Sheet

DRAWING No.: M80-855XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:
M80-855XXX

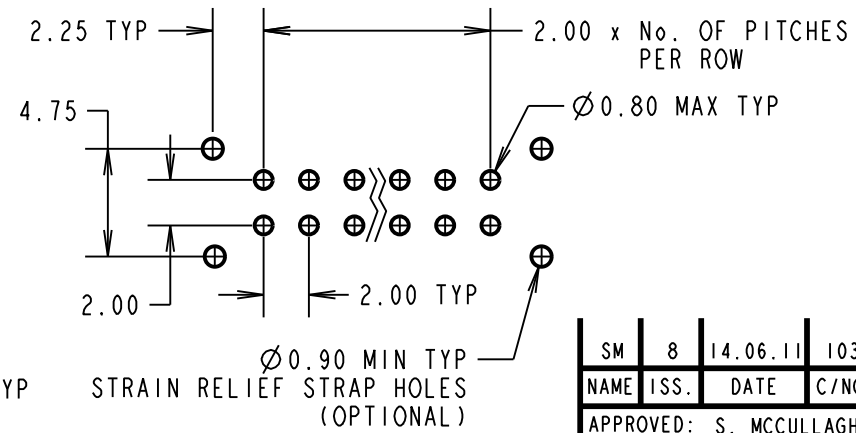
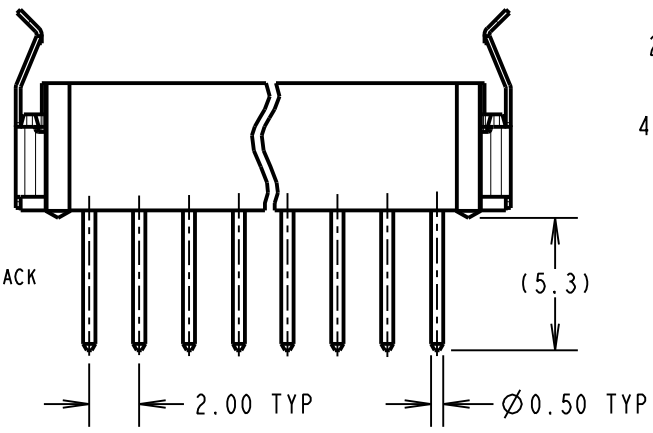
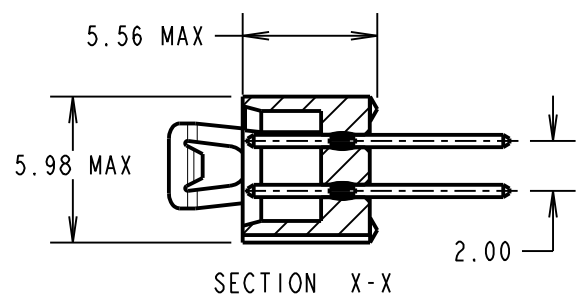
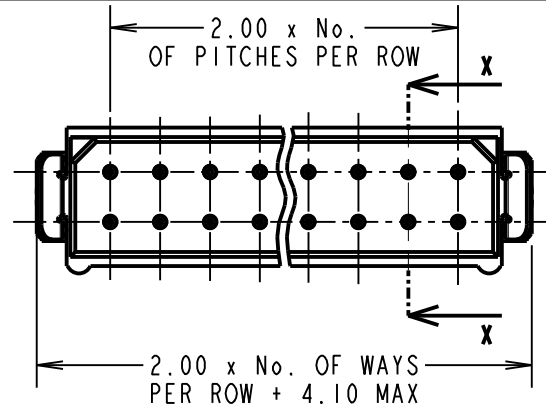
TOTAL No. OF WAYS
04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH:
05 = GOLD
22 = SELECTIVE GOLD

BRITISH STANDARD ORDER CODE:
B5743-2XX-M-T-X

TOTAL No. OF WAYS
04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH:
T = SELECTIVE GOLD
A = GOLD



SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
LATCHES = BERYLLIUM COPPER

FINISH:
CONTACTS:
05 = 0.75µ GOLD
22 = 0.75µ GOLD ON CONTACT AREA.
3.0µ 90/10 TIN/LEAD ON TAILS
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 (OPTIONAL)

RECOMMENDED PCB LAYOUT

NOTES:
1. 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.

SM	8	14.06.11	10303
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: J. CLAY			
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:
DATAMATE DIL
VERTICAL PC TAIL PLUG
ASSEMBLY - LATCHED

DRAWING NUMBER:
M80-855XXX

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