

Customer Information Sheet

DRAWING No.: M80-856XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-856XXXX

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

FINISH:
B = GOLD
W = SELECTIVE 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
LATCHES = 1.25μ 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) = $20\text{ m}\Omega$ MAX.
CONTACT RESISTANCE (AFTER CONDITIONING) = $25\text{ m}\Omega$ MAX.
INSULATION RESISTANCE (INITIAL) = $1000\text{ M}\Omega$ MIN.
INSULATION RESISTANCE (AFTER CONDITIONING) = $100\text{ M}\Omega$ MIN.

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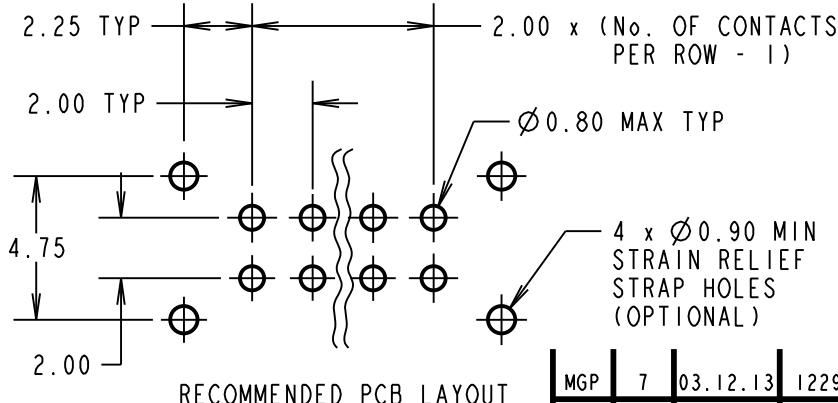
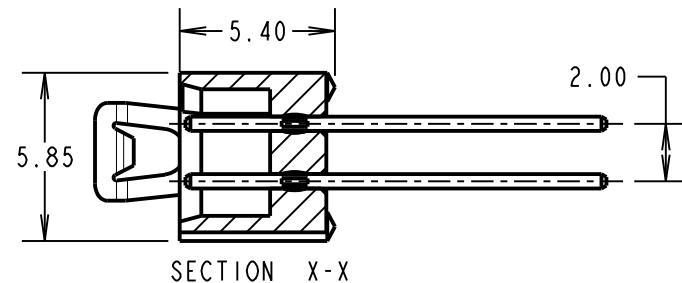
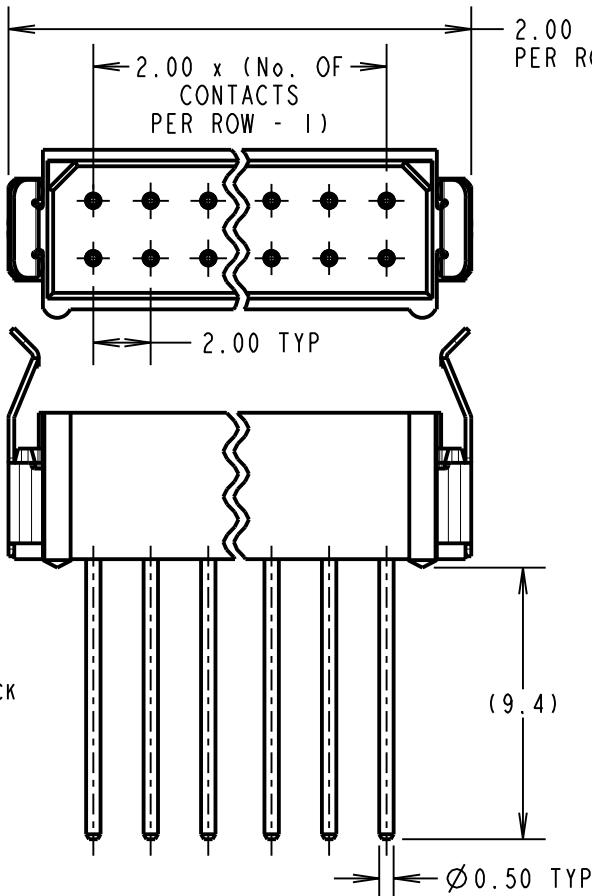
TOLERANCES
 $X = \pm 1\text{mm}$
 $X.X = \pm 0.25\text{mm}$
 $X.XX = \pm 0.10\text{mm}$
 $X.XXX = \pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:
SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: DATAMATE L-TEK
MALE DIL VERTICAL PC TAIL
ASSEMBLY (LATCHED)
DRAWING NUMBER:
M80-856XXXX

HARWIN

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RECOMMENDED PCB LAYOUT

MGP	7	03.12.13	12294
NAME	ISS.	DATE	C/NOTE

APPROVED: MGP

CHECKED: SB

DRAWN: J. CLAY

CUSTOMER REF.:

ASSEMBLY DRG:

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

Mouser Electronics

Authorized Distributor

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[B5743-214-M-T-W](#)