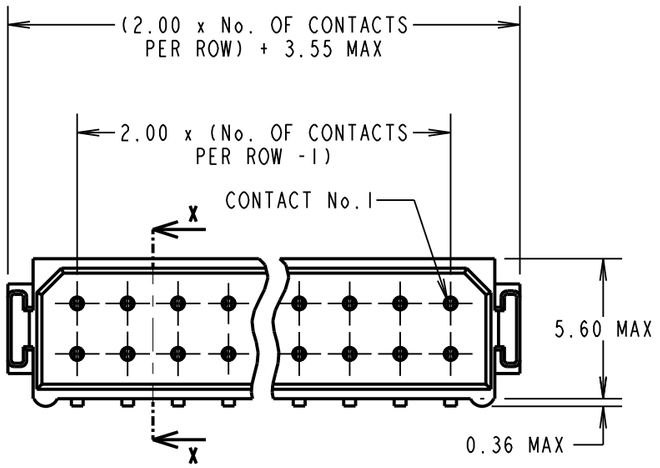
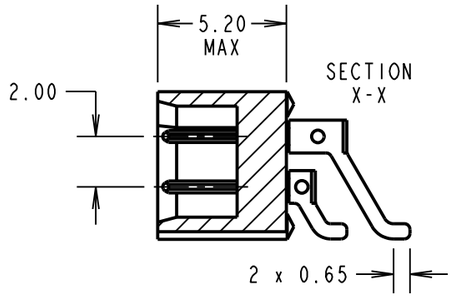
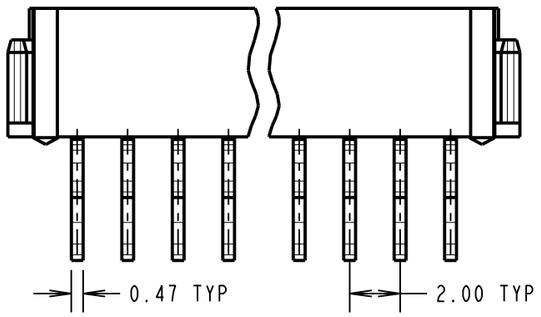
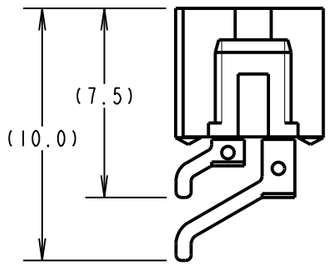
Customer Information Sheet

DRAWING No.: M80-665XXXX	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

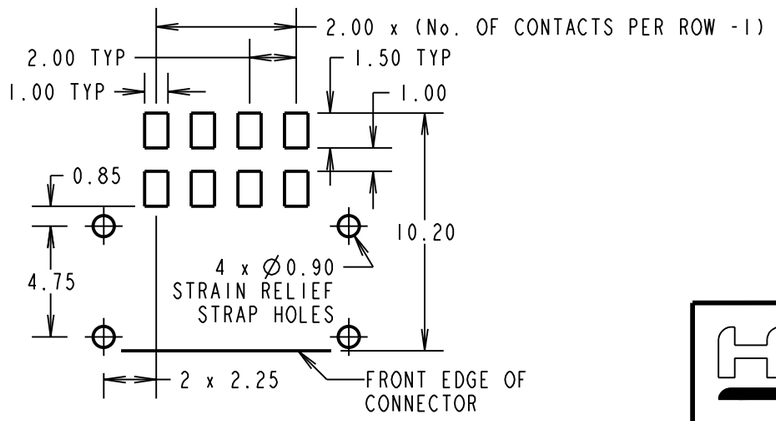






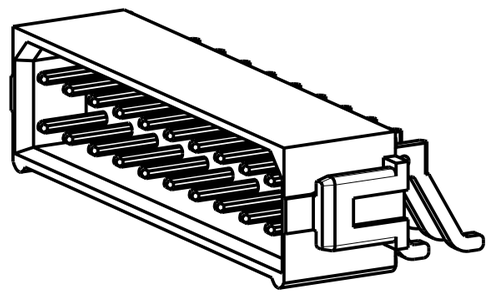


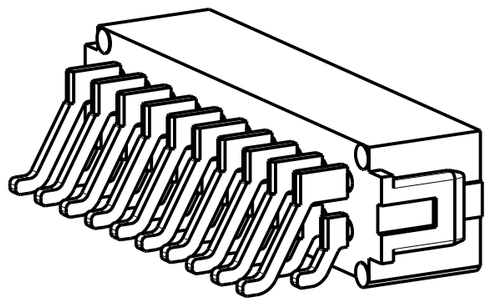
RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05mm



SPECIFICATIONS:
- MATERIAL:
  - MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
  - CONTACT = BRASS
- FINISH:
  - CONTACT:
    - 22 = 0.75µm GOLD ON CONTACT AREA, 3µm 90/10 TIN/LEAD ON TAILS
    - 42 = 0.75µm GOLD ON CONTACT AREA, 3µm 100% TIN ON TAILS
    - 45 = 0.75µm GOLD OVER NICKEL
- ELECTRICAL:
  - CURRENT RATING AT 25°C = 3.0A MAX
  - CURRENT RATING AT 85°C = 2.2A MAX
  - WORKING VOLTAGE = 800V AC/DC
  - VOLTAGE PROOF = 1200V AC/DC
  - CONTACT RESISTANCE = 25mΩ MAX
  - INSULATION RESISTANCE = 100MΩ MIN
- MECHANICAL:
  - DURABILITY = 500 OPERATIONS
- ENVIRONMENTAL:
  - TEMPERATURE RANGE = -55°C TO +125°C
- PACKING:
  - TUBE, 8 TO 34 CONTACTS
  - TRAY, 4 AND 6 CONTACTS
  - BAG, 2-OFF M80-0030006 STRAIN RELIEF STRAPS INCLUDED FOR EACH CONNECTOR

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





ORDER CODE:

M80-665XXXX

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

FINISH
22 - GOLD, 90/10 TIN/LEAD
42 - GOLD, 100% TIN
45 - ALL OVER GOLD

MGP	8	20.07.21	30677
NAME	ISS.	DATE	CN/CO

APPROVED: MGP

CHECKED: MR

DRAWN: W. J. BOURNE

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN
www.harwin.com
technical@harwin.com

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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 L-TEK MALE DIL HORIZONTAL SMT ASSEMBLY (UNLATCHED)

DRAWING NUMBER: M80-665XXXX

SHT 2 OF 2