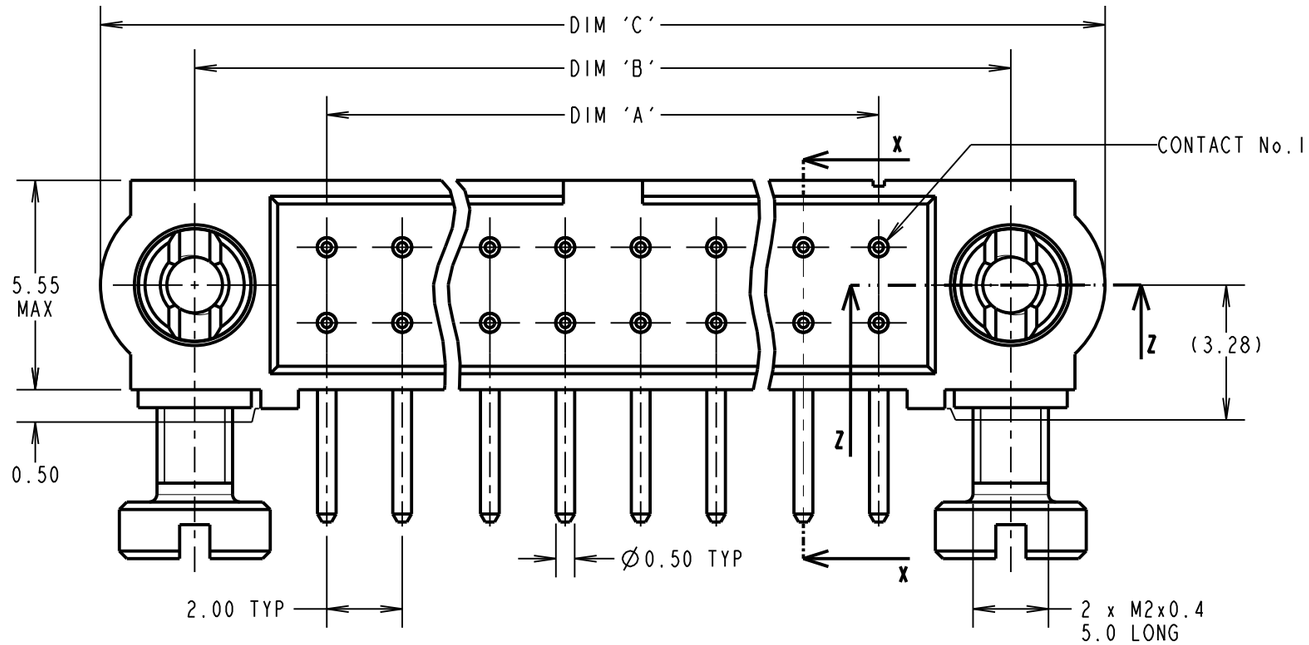
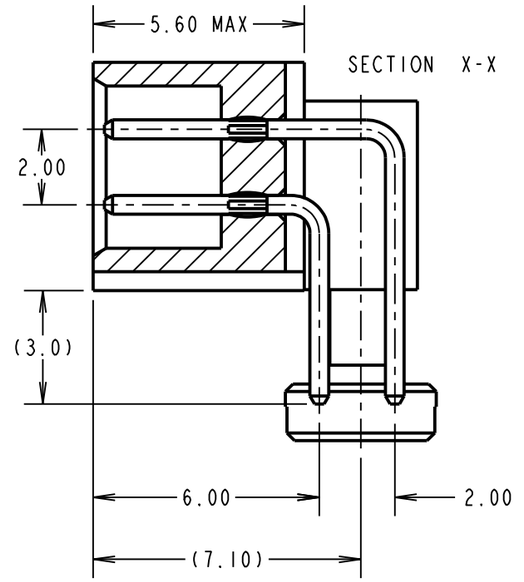
Customer Information Sheet

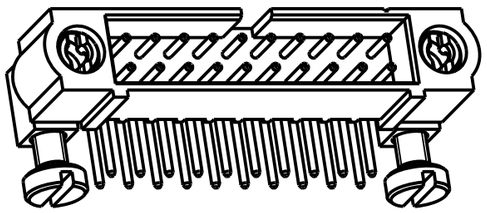
DRAWING No.: M80-5LIXXXXMD	SHT 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

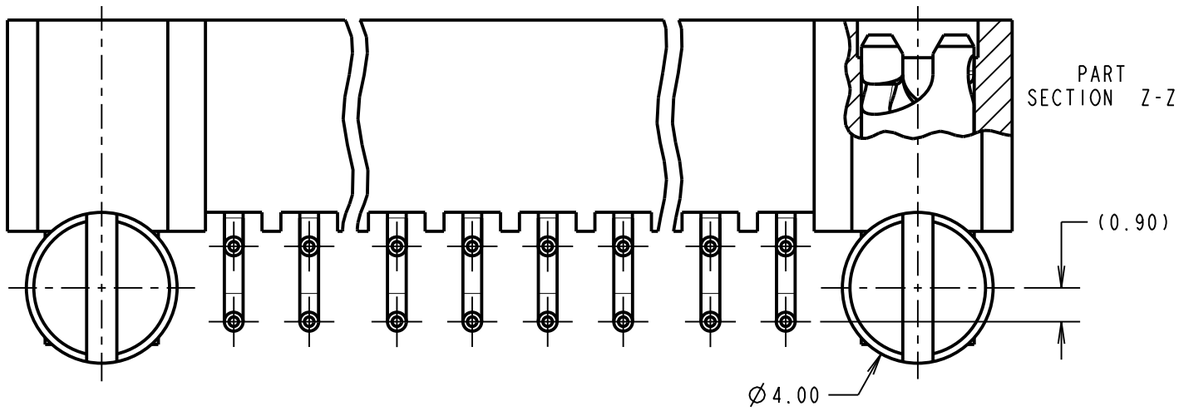
SPECIFICATIONS:
- MATERIAL:
  - MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
  - CONTACT = PHOSPHOR BRONZE
  - IOILOK RETAINER = STAINLESS STEEL
- FINISH (CONTACTS):
  - 05 = 0.75µ GOLD ALL OVER
  - 22 = 0.75µ GOLD ON CONTACT AREA, 3µ TIN/LEAD ON TAILS
  - 42 = 0.75µ GOLD ON CONTACT AREA, 3µ 100% TIN OVER NICKEL ON TAILS
- 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 = 25 mΩ MAX
  - INSULATION RESISTANCE = 100 MΩ MIN
- MECHANICAL:
  - DURABILITY = 500 OPERATIONS
- ENVIRONMENTAL:
  - TEMPERATURE RANGE = -55°C TO +125°C
- PACKING:
  - TUBE

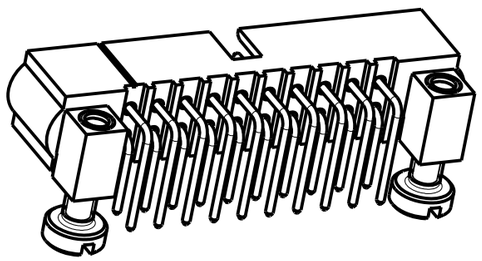
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



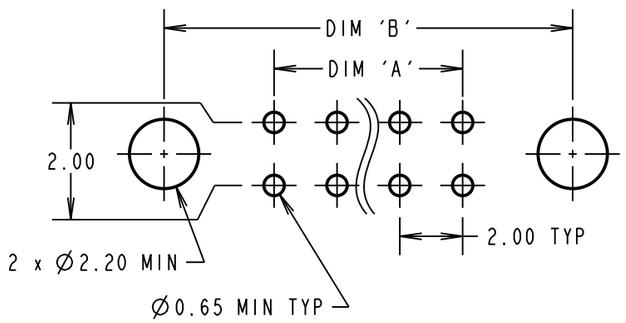








RECOMMENDED PCB LAYOUT



DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10

EXAMPLE ORDER CODE 1: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL

M80-5L12042MD

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm.

ORDER CODE: **M80-5LIXXXXMD**

- TOTAL No. OF CONTACTS
  - 04 TO 50
  - (EVEN NUMBERS ONLY)
- FINISH CODE
  - 05 - ALL OVER GOLD
  - 22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL
  - 42 - GOLD ON CONTACT AREA / 100% TIN OVER NICKEL ON TAIL

SF	3	04.07.13	12138
NAME	ISS.	DATE	C/NOTE

APPROVED:	S.FLOWER
CHECKED:	M.PLESTED
DRAWN:	S.FLOWER
CUSTOMER REF.:	
ASSEMBLY DRG:	

HARWIN

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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 MIX-TEK DIL HORIZ 3mm PC-TAIL MALE ASSY WITH IOILOK BOARD MOUNT RETAINERS

DRAWING NUMBER: **M80-5LIXXXXMD**

SHT 2 OF 2