

Customer Information Sheet

DRAWING No.: M80-5T1XXXXMC, M80-5T1XXXXMC-00-000-00-000 SHT 2 OF 2

IF IN DOUBT - ASK

(C)

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 ON TAILS

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 mΩ MAX
INSULATION RESISTANCE = 100 MΩ MIN

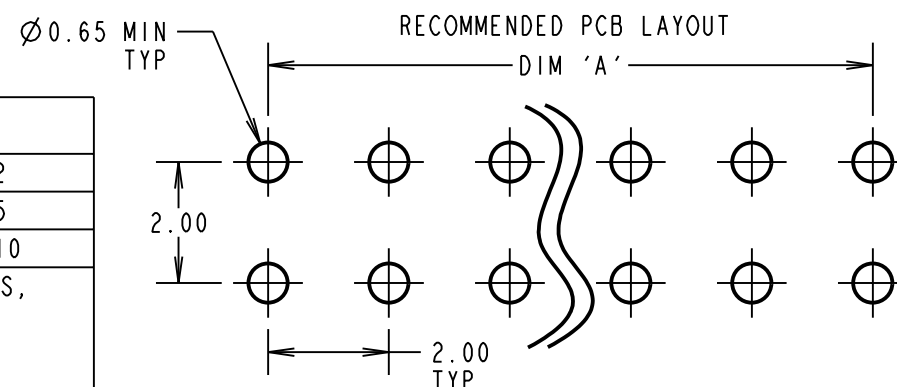
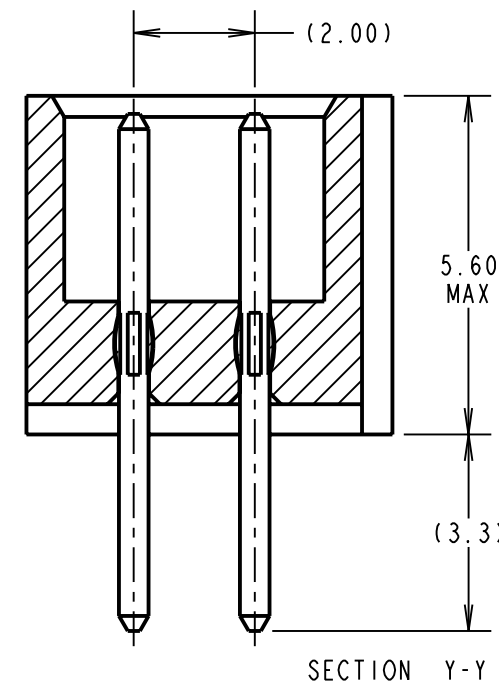
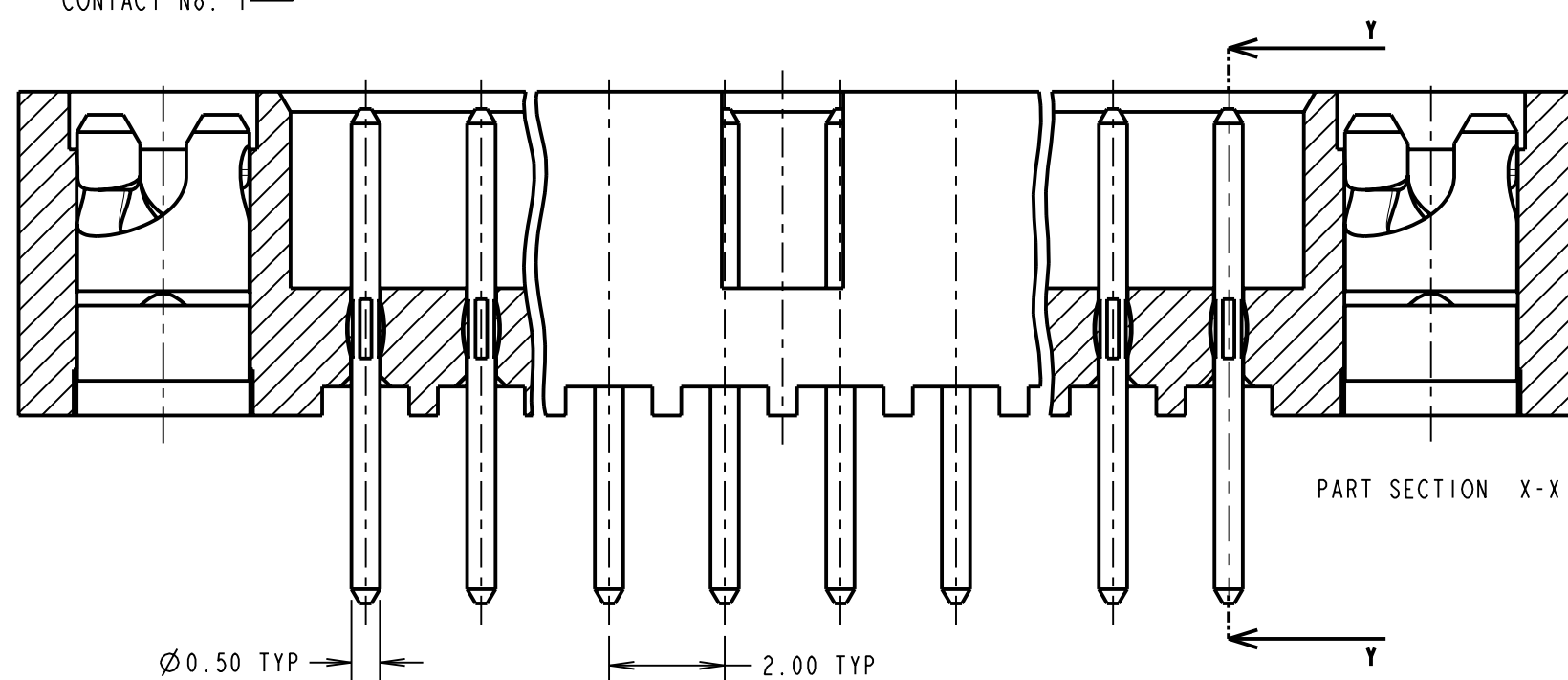
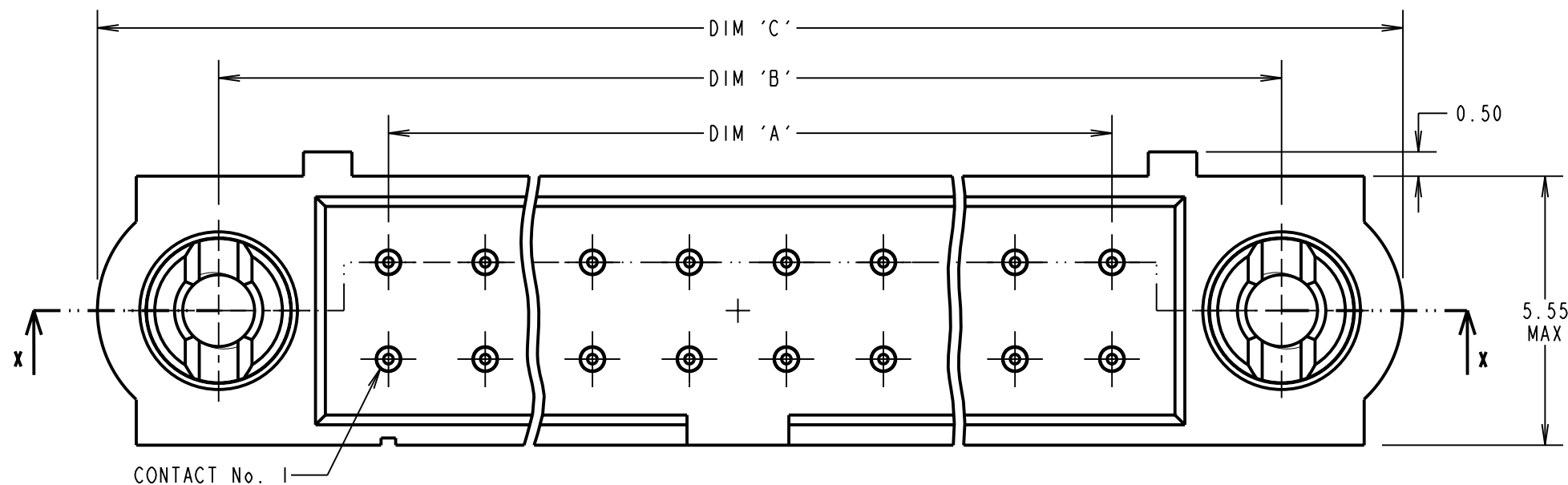
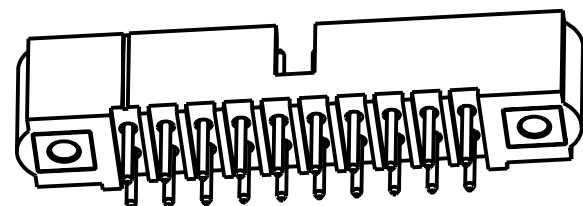
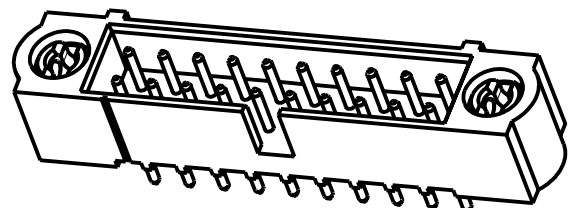
MECHANICAL:

DURABILITY = TBA
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +121°C
PACKING:
TUBE

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

NOTES:

- ALL PART LABELLING TO BE AS ORDER CODE,
EITHER WITH TRAILING ZEROS OR LEFT BLANK
AS PER ORDER CODE EXAMPLES 1 AND 2.



ORDER CODE: **M80-5T1XXXXMC-XX-XXX-XX-XXX**

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 ON TAIL

NUMBER OF SPECIAL CONTACTS

X's CAN BE DISPLAYED AS TRAILING ZEROS OR LEFT BLANK
SEE EXAMPLE ORDER CODES FOR EXPLANATION.

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 ON TAIL

M80-5T12042MC-00-000-00-000

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm

EXAMPLE ORDER CODE 2: CONNECTOR WITH 20 CONTACTS,
GOLD ON CONTACT AREA AND 100% TIN ON TAIL

M80-5T12042MC

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm

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 J-TEK DIL
VERT 3mm PC-TAIL MALE
ASSY WITH IOILOK RETAINERS

DRAWING NUMBER: **M80-5T1XXXXMC,**
M80-5T1XXXXMC-00-000-00-000

SHT
2 OF 2

CP	E	30.10.09	10541
NAME	ISS.	DATE	C/NOTE
APPROVED:	C.PENROSE		
CHECKED:	R.ADDE		
DRAWN:	S.FLOWER		
CUSTOMER REF.:			
ASSEMBLY DRG:			