Customer Information Sheet

DIM 'C'

DIM 'A'

2.00 TYP

5.50 MAX

2 x M2x0.4-6g

CONTACT No. 1

2 x 3.0 HEX A/F

∅ 0.50 TYP

DIM 'B'

X

X

2.00

5.20 MAX

(4.7)

SECTION X-X

3.00 A/F

RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ±0.05mm)

DIM 'B'

DIM 'A'

2.00

∅ 3.55 TYP

∅ 0.70 TYP

2.00 TYP
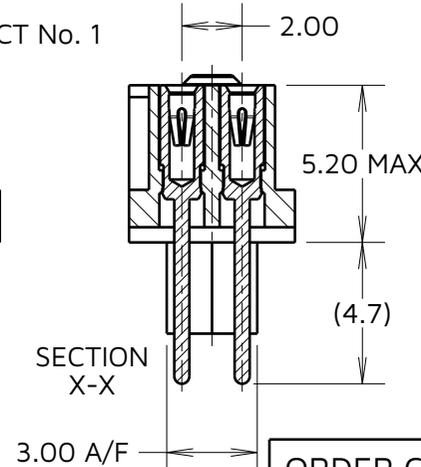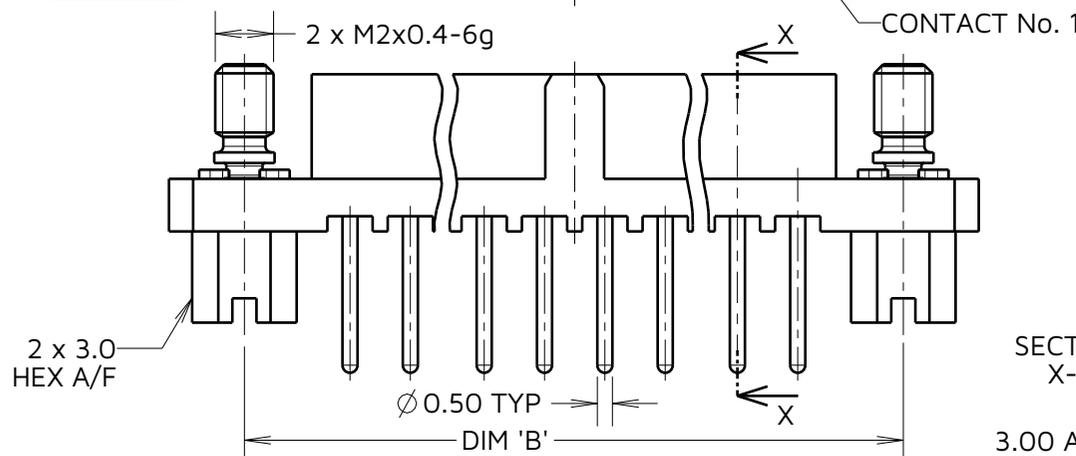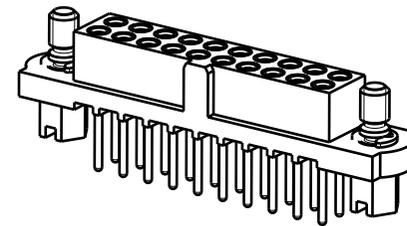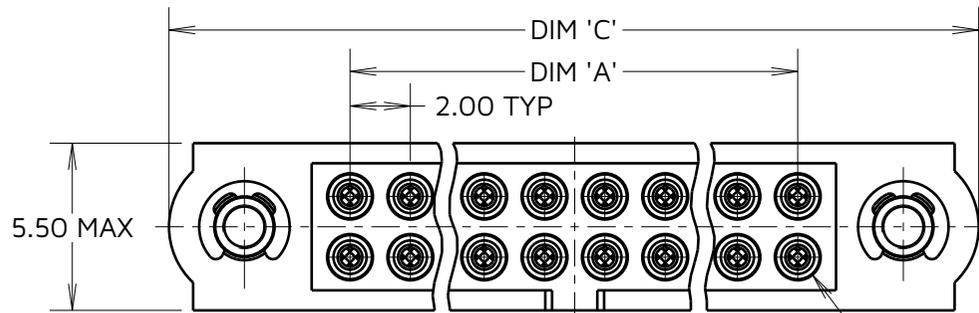
SPECIFICATIONS:
 MATERIAL:
  MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
  CONTACT CLIP = BERYLLIUM COPPER
  CONTACT SHELL = BRASS
  JACKSCREW, CIRCLIP = STAINLESS STEEL
 FINISH:
  01 = 0.3µm GOLD CLIP, 3.5-5.0µm TIN/LEAD SHELL
  05 = 0.3µm GOLD CLIP, 0.25-0.3µm GOLD SHELL
  42 = 0.3µm GOLD CLIP,
     3.5-5.0µm 100% TIN OVER NICKEL SHELL
 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
  INSERTION FORCE (∅0.5mm GAUGE) = 2.0N MAX
  WITHDRAWAL FORCE (∅0.5mm GAUGE) = 0.2N MIN
 ENVIRONMENTAL:
  TEMPERATURE RANGE = -55°C TO +125°C
 PACKING:
  TUBE
 FOR COMPLETE SPECIFICATION, SEE
 COMPONENT SPECIFICATION C005XX
 (LATEST ISSUE)

PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-40106XX	6	4.00	11.00	16.00
M80-40110XX	10	8.00	15.00	20.00
M80-40114XX	14	12.00	19.00	24.00
M80-40120XX	20	18.00	25.00	30.00
M80-40126XX	26	24.00	31.00	36.00
M80-40134XX	34	32.00	39.00	44.00
M80-40142XX	42	40.00	47.00	52.00
M80-40150XX	50	48.00	55.00	60.00

ORDER CODE:

M80-401XXXX

TOTAL No. OF CONTACTS
 06, 10, 14, 20,
 26, 34, 42, 50

FINISH
 01 - GOLD CLIP, TIN/LEAD SHELL
 05 - GOLD CLIP, GOLD SHELL
 42 - GOLD CLIP, 100% TIN
    OVER NICKEL SHELL

RTP	2	19.07.23	32796
NAME	ISS.	DATE	CN/CO

APPROVED: R.PORTLOCK

CHECKED: M.PLESTED

DRAWN: W. J. BOURNE

ASSEMBLY DRG:

PART WEIGHT: | MAT'L USAGE:

TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.20mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

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MATERIAL:
 SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: JACKSCREW DATAMATE DIL VERTICAL PC TAIL (4.5mm) FEMALE ASSEMBLY

DRAWING NUMBER:
M80-401XXXX

SHT 2 OF 2