Customer Information Sheet

IF IN DOUBT - ASK	©C	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

DIM 'C'
DIM 'B'
DIM 'A'
0.50
5.55 MAX

CONTACT No. 1
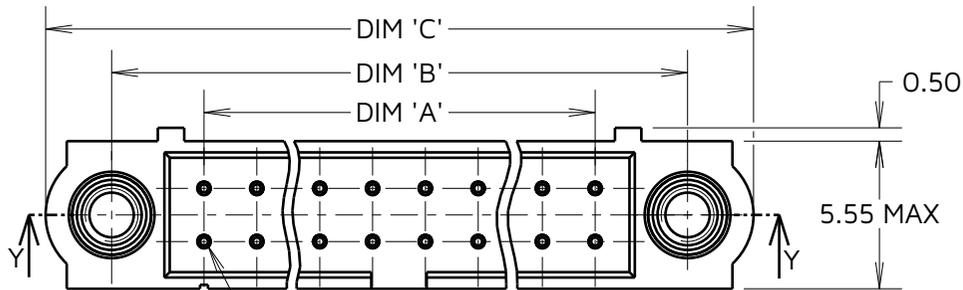
ORDER CODE:

M80-510XXXX

No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)

FINISH
05 - GOLD ALL OVER
22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN
OVER NICKEL

SPECIFICATIONS:
 MATERIAL:
  MOULDING = GLASS-FILLED PPS,
    UL94V-0, BLACK
  CONTACT = PHOSPHOR BRONZE
  JACKSCREW = STAINLESS STEEL
  FINISH (CONTACTS):
   22 = 0.75µm GOLD ON CONTACT AREA,
     3µm 90/10 TIN/LEAD ON TAILS
   42 = 0.75µm GOLD ON CONTACT AREA,
     3µm 100% TIN OVER NICKEL ON TAILS
   05 = 0.75µm GOLD ALL OVER
 PACKING: TUBE
FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C005XX
(LATEST ISSUE).
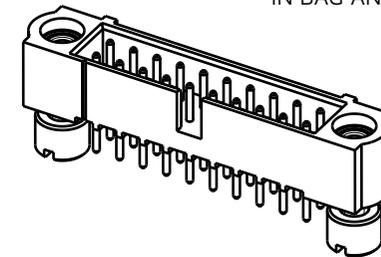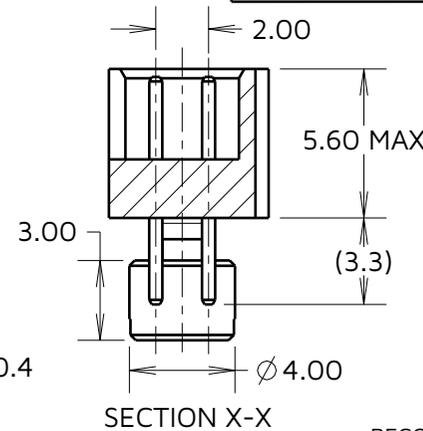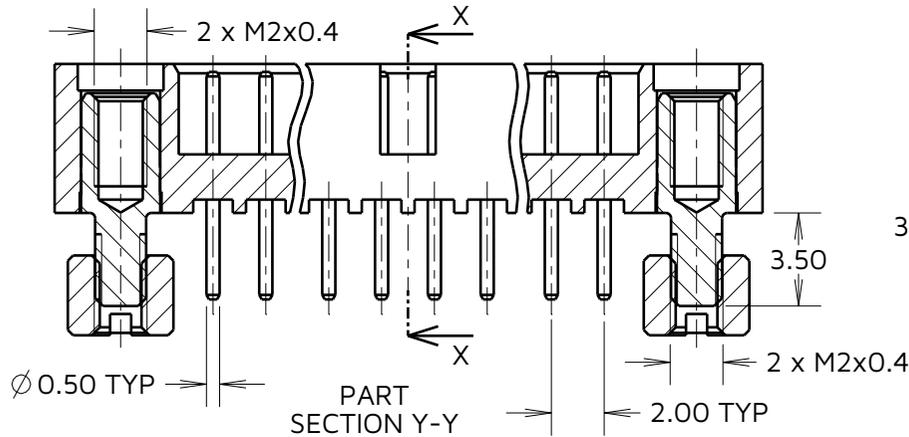
NOTES:
1. NUTS ARE NOT ASSEMBLED BUT PACKED
   IN BAG AND ATTACHED TO TUBE.

2 x M2x0.4
X
2.00
5.60 MAX
3.00
(3.3)
3.50
Ø 0.50 TYP
PART
SECTION Y-Y
2 x M2x0.4
2.00 TYP
Ø 4.00
SECTION X-X

RECOMMENDED
PCB LAYOUT ±0.05 UNLESS STATED.
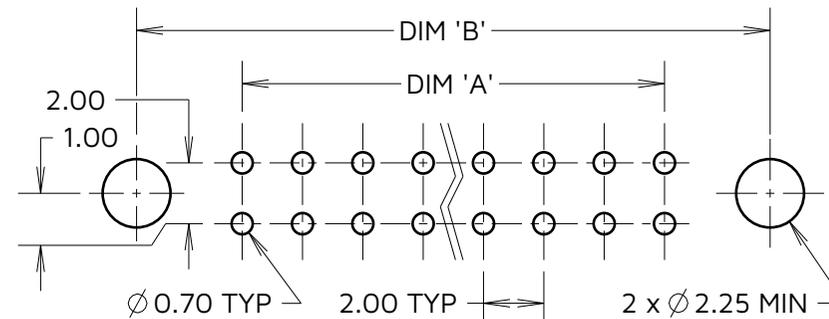
DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2.00
DIM 'B'	TOTAL No. OF CONTACTS + 5.00
DIM 'C'	TOTAL No. OF CONTACTS + 10.00

EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT
AREA AND 100% TIN OVER NICKEL ON TAIL, M80-5102042

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

DIM 'B'
DIM 'A'
2.00
1.00
Ø 0.70 TYP
2.00 TYP
2 x Ø 2.25 MIN

FC	3	30.04.24	34003
NAME	ISS.	DATE	CN/CO

APPROVED: F.CHRISPINE
CHECKED: R.PORTLOCK
DRAWN: W. J. BOURNE
ASSEMBLY DRG:
_
PART WEIGHT: _   MAT'L USAGE: _

HARWIN

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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 J-TEK DIL
VERT 3.0mm PC TAIL MALE ASSY
WITH BOARD MOUNT

DRAWING NUMBER:
M80-510XXXX

SHT 2 OF 2