

Customer Information Sheet

IF IN DOUBT - ASK



NOT TO SCALE

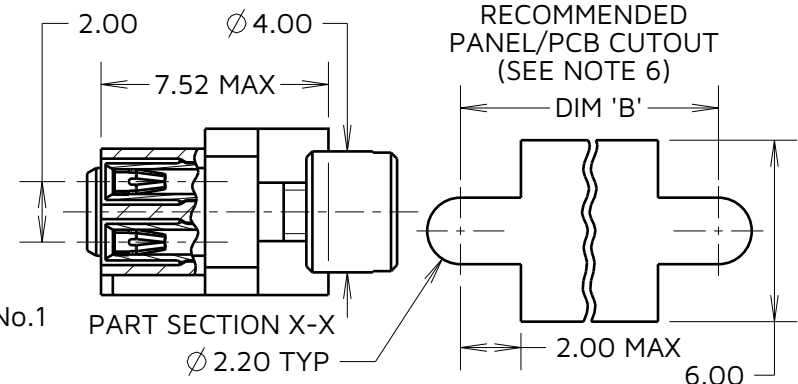
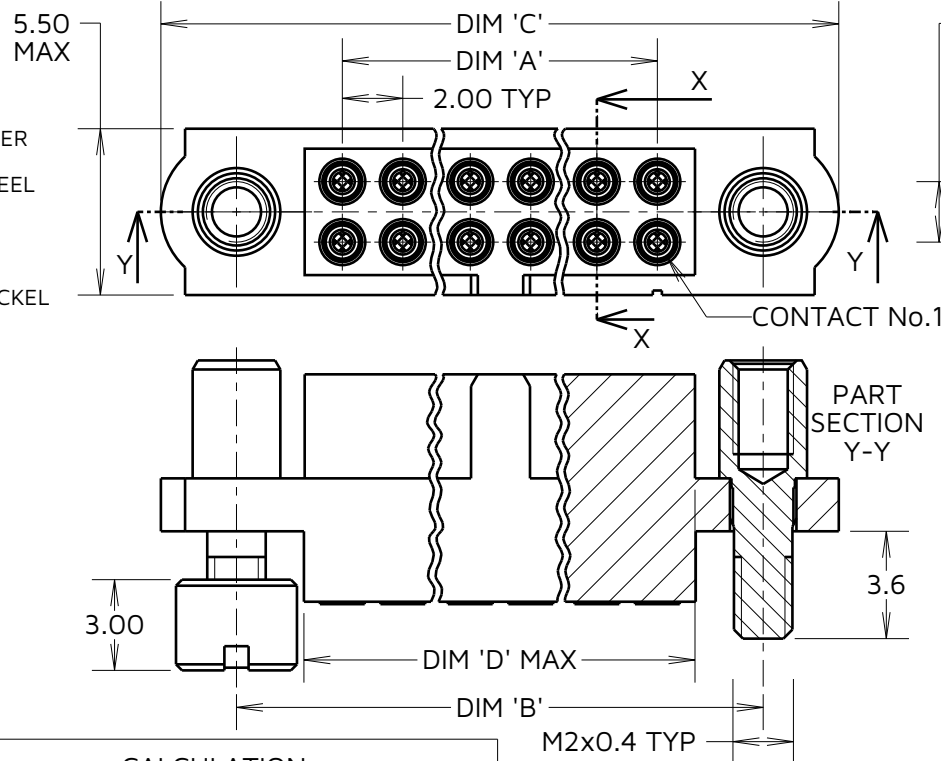
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED PPS,
 UL94V-0, BLACK
 CONTACT CLIP = BERYLLIUM COPPER
 CONTACT SHELL = BRASS
 JACKSCREW, NUT = STAINLESS STEEL
FINISH:
 05 = 0.3µm GOLD CLIP,
 0.25-0.3µm GOLD SHELL
 42 = 0.3µm GOLD CLIP,
 3.5-5.0µm 100% TIN OVER NICKEL

PACKING:
 BAG
 FOR COMPLETE SPECIFICATION,
 SEE COMPONENT SPECIFICATION
 CO05XX (LATEST ISSUE)



NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS AND NUTS NOT ASSEMBLED AS SHOWN.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-462XX05 AND M80-0110001 FOR M80-462XX42.
- RECOMMENDED WIRE TYPE = 22 AWG. SEE COMPONENT SPECIFICATION CO49XX (LATEST ISSUE) FOR DETAILS. MAX INSULATION DIAMETER = Ø 1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.
- RECOMMENDED PANEL/PCB THICKNESS = 1.3-1.6mm.

DIMENSION

CALCULATION

DIM 'A'

TOTAL No. OF CONTACTS - 2

DIM 'B'

TOTAL No. OF CONTACTS + 5

DIM 'C'

TOTAL No. OF CONTACTS + 10

DIM 'D'

TOTAL No. OF CONTACTS + 0.64

EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD CLIP AND 100% TIN OVER NICKEL SHELL, M80-4622042

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm,
 DIM 'C' = 30.00mm, DIM 'D' = 20.64mm

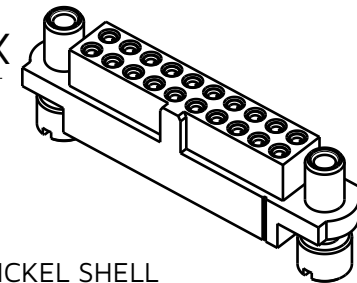
ORDER CODE:

M80-462XXXX

TOTAL No. OF CONTACTS
 04 - 50
 (EVEN NUMBERS ONLY)

FINISH CODE

05 - GOLD CLIP, GOLD SHELL
 42 - GOLD CLIP, 100% TIN OVER NICKEL SHELL



MGP 5 20.04.23 32475

NAME ISS. DATE CN/CO

APPROVED: MGP

CHECKED: AB

DRAWN: B. M. KENT

ASSEMBLY DRG:

HARWIN

www.harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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
 FEMALE DIL LARGE BORE CRIMP WITH
 'REVERSE FIX' JACKSCREW AND
 3.5mm BOARD/PANEL MOUNT

DRAWING NUMBER:

M80-462XXXX

SHT
 2
 OF 2