

Customer Information Sheet

DRAWING No.: M80-502XXXXP

SHEET 2 OF 2

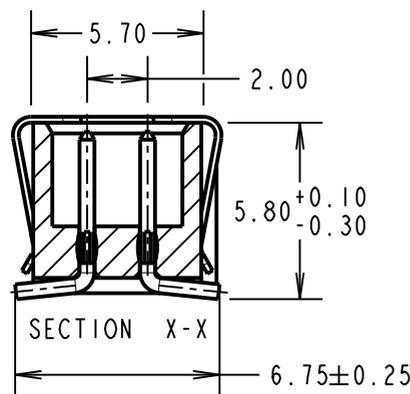
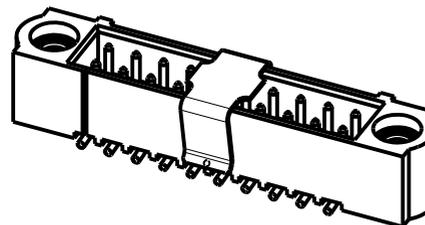
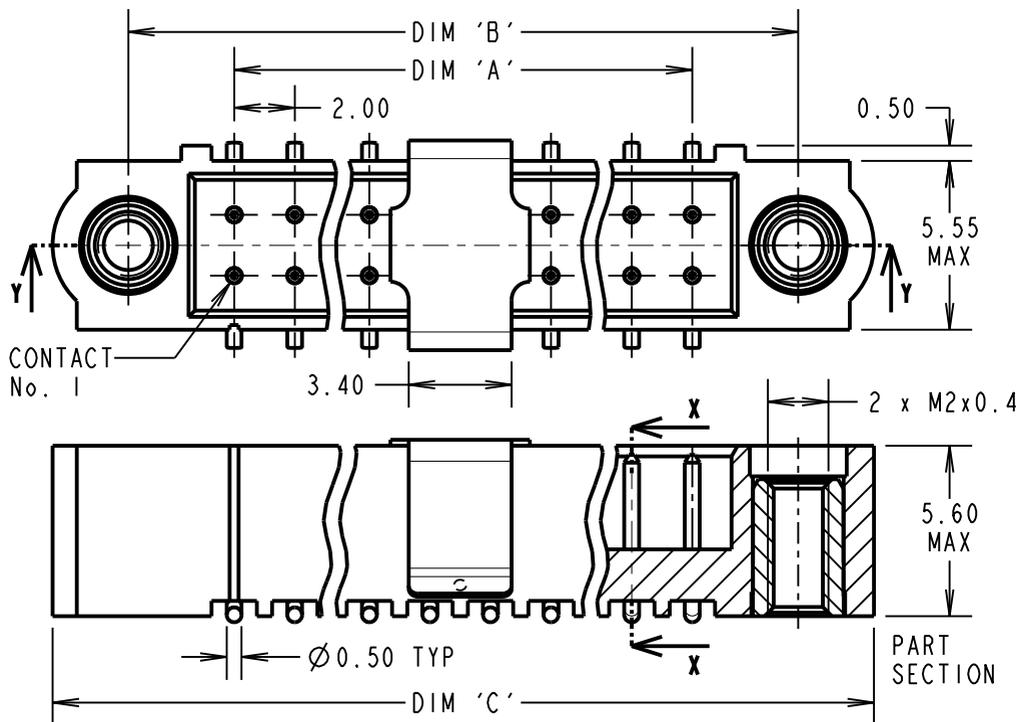
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

- MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
- CONTACT = PHOSPHOR BRONZE
- JACKSCREW = STAINLESS STEEL
- PICK & PLACE CAP = PHOSPHOR BRONZE
- FINISH (ALL OVER NICKEL):
- 05 - 0.75µ GOLD
- 22 = 0.75µ GOLD ON CONTACT AREA, 3µ 90/10 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 = 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)

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

EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD CONTACT AREA AND 100% TIN ON TAIL, M80-5022042P

DIM 'X' = 18.00mm, DIM 'Y' = 30.00mm

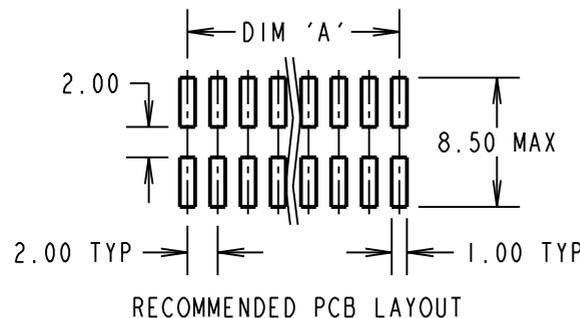
ORDER CODE:

M80-502XXXXP

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

FINISH

- 05 - GOLD
- 22 - SELECTIVE GOLD + TIN/LEAD
- 42 - SELECTIVE GOLD + 100% TIN



SB	5	07.02.14	12355
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@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 = ±0.25mm
- X.XX = ±0.10mm
- X.XXX = ±0.01mm
- ANGLES = ±5°
- UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

JACKSCREW DATAMATE
DIL VERTICAL SMT MALE
P/PLACE

DRAWING NUMBER:

M80-502XXXXP

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Harwin:](#)

[M80-5021042P](#)