

Customer Information Sheet

DRAWING No.: M80-561XXXX

SHEET 2 OF 2

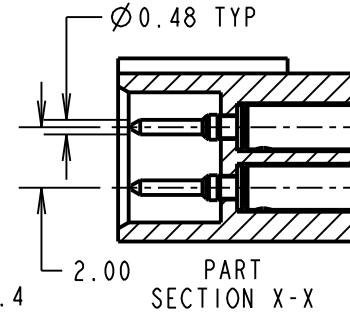
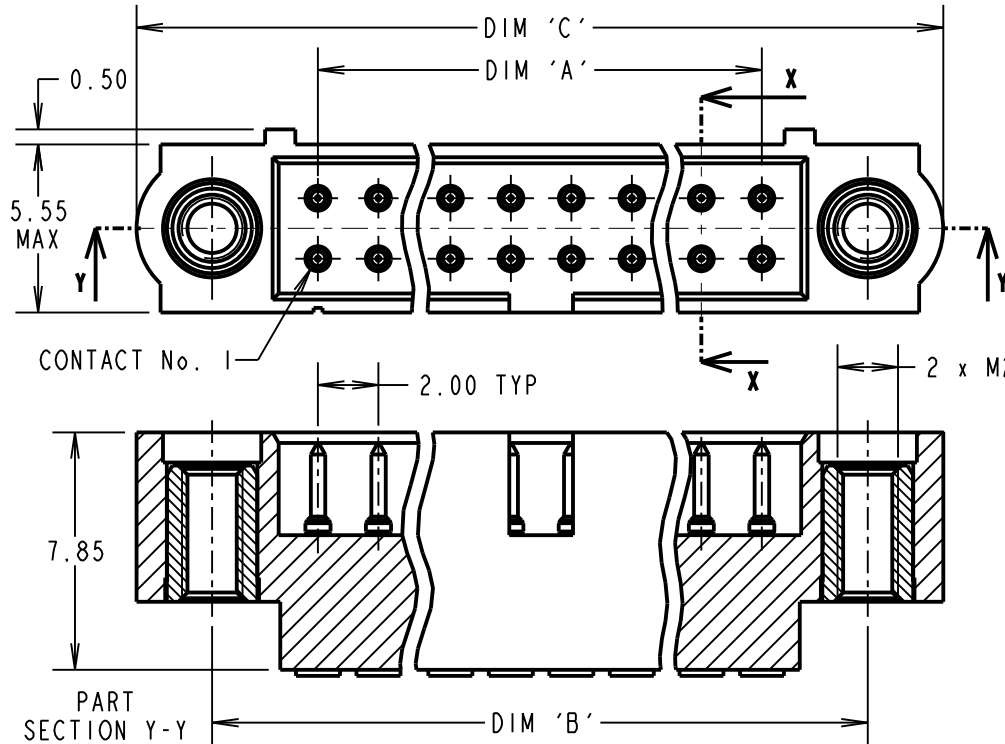
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 CONTACT = COPPER ALLOY
 JACKSCREW = STAINLESS STEEL

FINISH:
 05 = 0.25-0.3 μ GOLD

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 = 25m Ω MAX
 INSULATION RESISTANCE = 100M Ω MIN

MECHANICAL:
 DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
 LOOSE
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

ORDER CODE:
M80-561XXXX

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

FINISH _____
 05 - GOLD

NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005 FOR M80-561XX05.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = $\varnothing 1.10$ mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193. REFER TO INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

| 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, ALL OVER GOLD
 M80-5612005

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

| | | | |
|-----------------------|------|----------|--------|
| SM | 2 | 01.08.11 | 11389 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: S.McCULLAGH | | | |
| CHECKED: M.G.PLESTED | | | |
| DRAWN: W. J. BOURNE | | | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

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TOLERANCES
 X. = ± 1 mm
 X.X = ± 0.25 mm
 X.XX = ± 0.10 mm
 X.XXX = ± 0.01 mm
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:
 SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: JACKSCREW DATAMATE
 DIL CRIMP (SMALL BORE)
 MALE ASSEMBLY

DRAWING NUMBER:
M80-561XXXX

SHT 2 OF 2

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