

Customer Information Sheet

DRAWING No.: M80-531XXXX

SHEET 2 OF 2

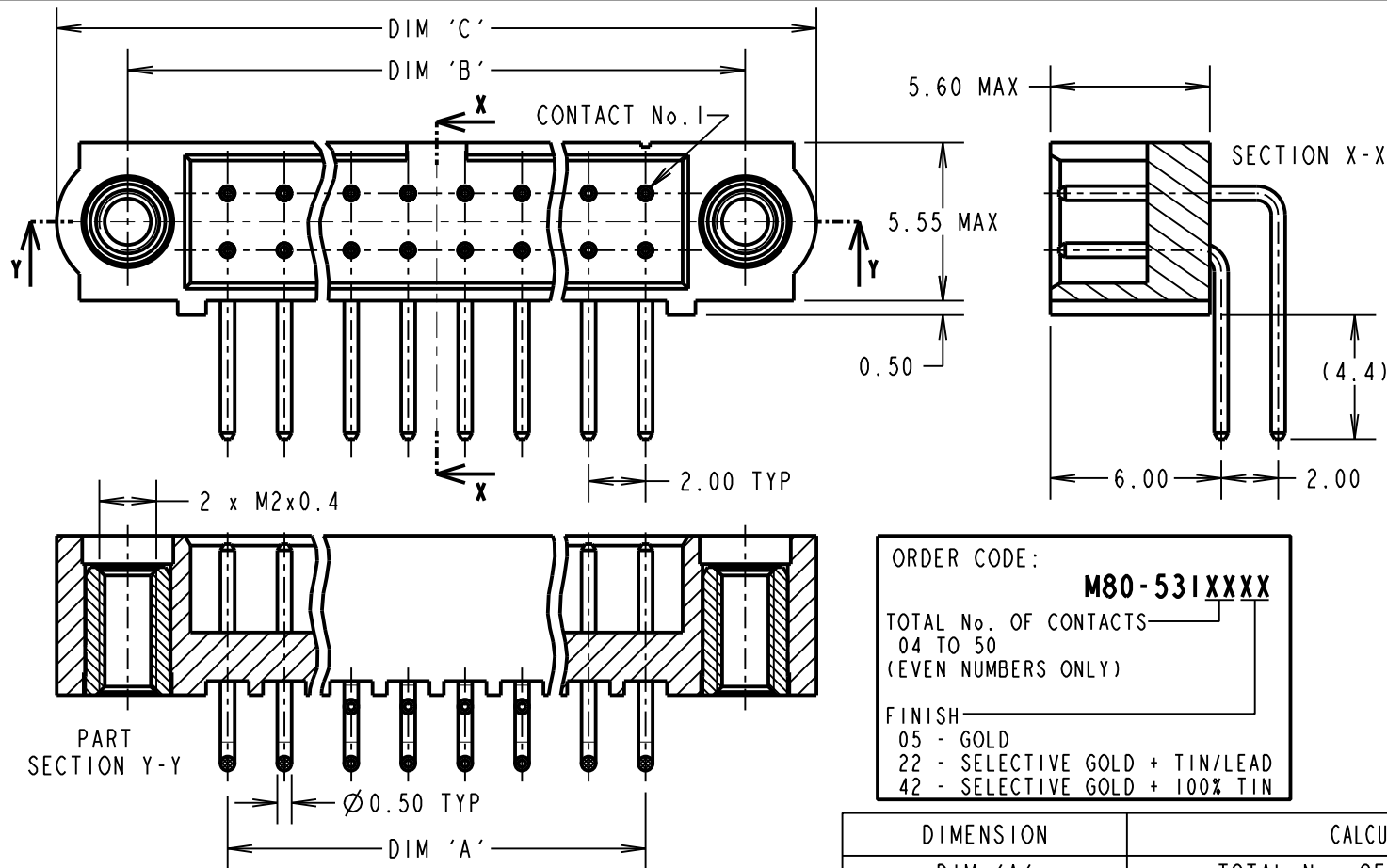
IF IN DOUBT - ASK

(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

FINISH (CONTACTS):

05 = 0.25 - 0.3µ GOLD

22 = 0.75µ GOLD ON CONTACT AREA,
3µ 90/10 TIN/LEAD ON TAILS42 = 0.75µ GOLD ON CONTACT AREA,
3µ 100% TIN OVER NICKEL ON TAILS**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 = 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 SPEC C005XX (LATEST ISSUE)

ORDER CODE:**M80-531XXXX**

TOTAL No. OF CONTACTS

04 TO 50

(EVEN NUMBERS ONLY)

FINISH

05 - GOLD

22 - SELECTIVE GOLD + TIN/LEAD

42 - SELECTIVE GOLD + 100% TIN

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 ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL, M80-5312042 DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

NOTES:

1. RECOMMENDED PCB HOLE
SIZE = Ø0.65mm MIN.

SM	2	14.10.11	11503
NAME	ISS.	DATE	C/NOTE
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DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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 HORIZONTAL PC TAIL
(4.5mm) MALE ASSEMBLY

DRAWING NUMBER:**M80-531XXXX****SHT****2 OF 2**