

Customer Information Sheet

DRAWING No.: M80-510XXXX

SHEET 2 OF 2

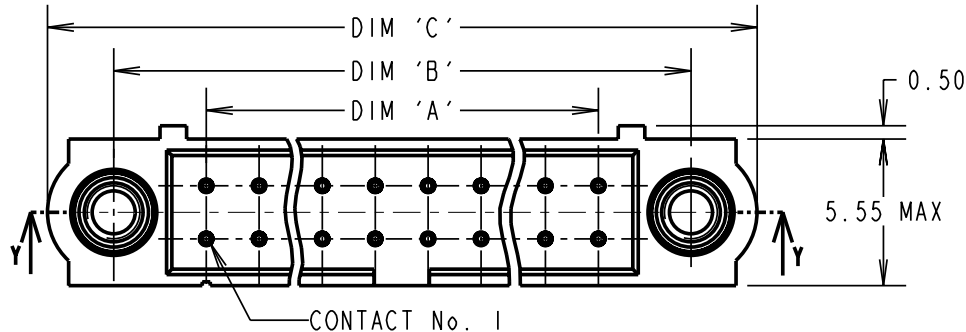
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M80-510XXXXNo. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)FINISH
22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

JACKSCREW = STAINLESS STEEL

FINISH (CONTACTS):

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 = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

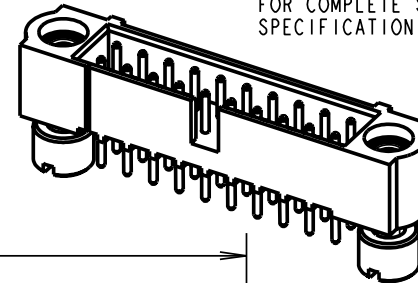
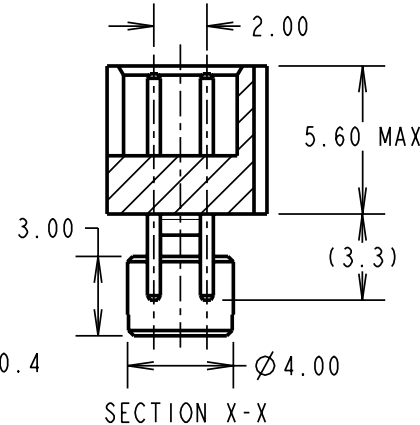
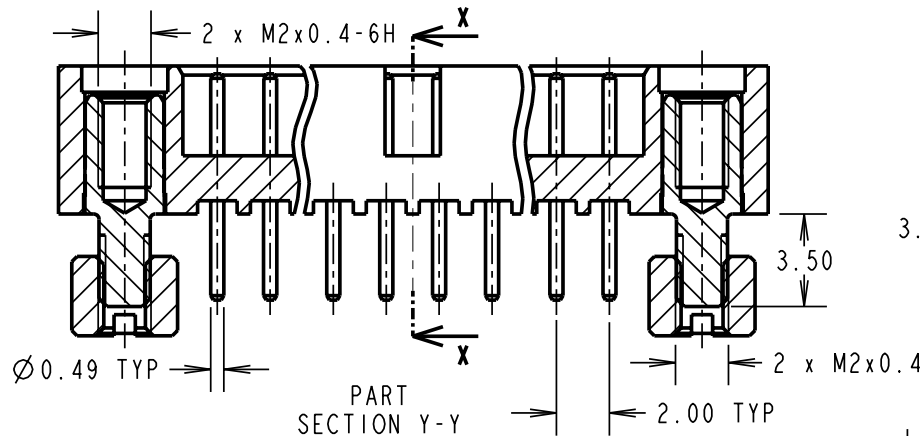
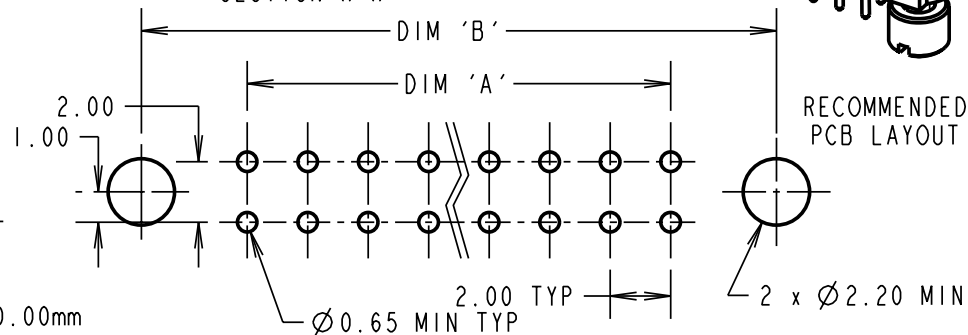
MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)RECOMMENDED
PCB LAYOUT

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 ON TAIL, M80-5102042

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

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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: mm²TITLE: JACKSCREW DATAMATE
DIL VERTICAL PC TAIL
MALE ASSEMBLY (BOARD MOUNT)

DRAWING NUMBER:

M80-510XXXXSHT
2
OF 2

RA	G	01.04.08	9985
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			