

Customer Information Sheet

DRAWING No.: M80-510XXXX

SHEET 2 OF 2

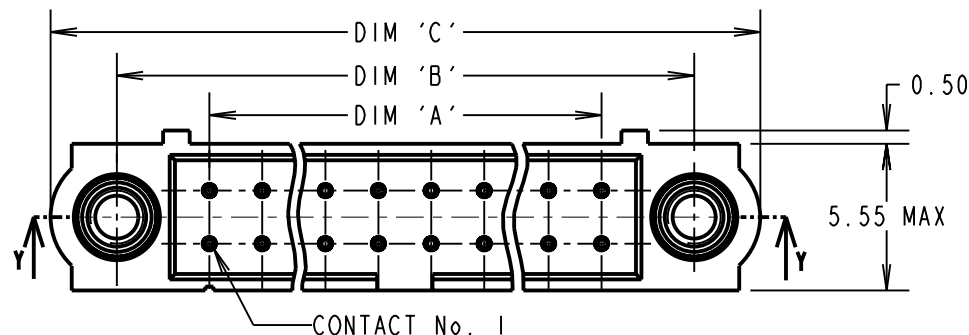
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

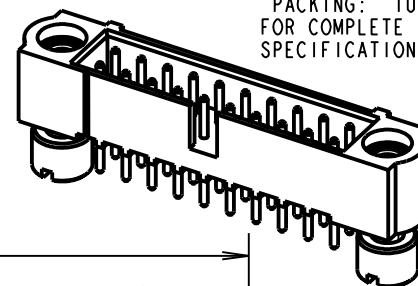
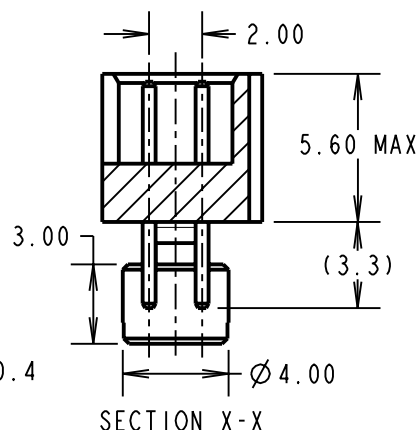
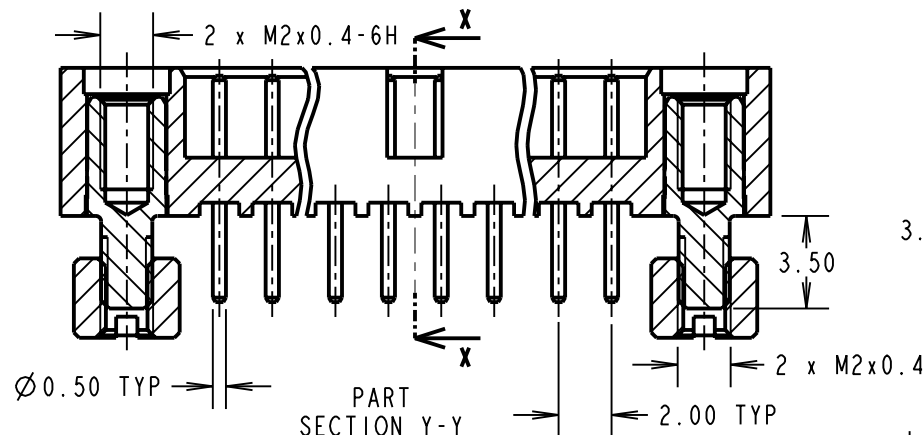
M80-510XXXX

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

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

SPECIFICATIONS:

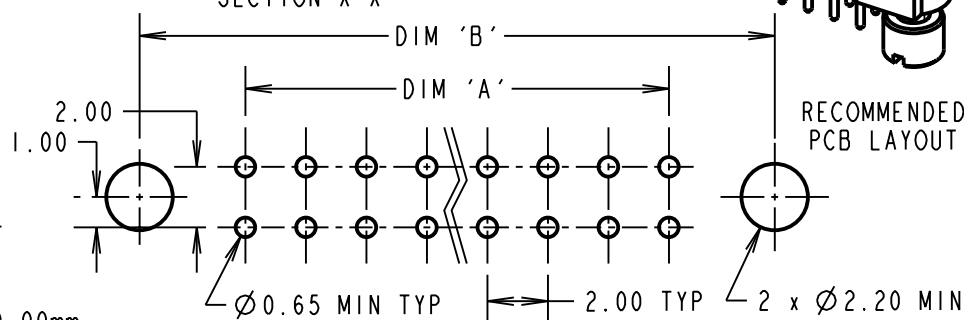
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
JACKSCREW = STAINLESS STEEL
FINISH (CONTACTS):
22 = 0.75µ GOLD ON CONTACT AREA,
3µ 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3µ 100% TIN ON TAILS
05 = 0.75µ GOLD ALL OVER
ELECTRICAL:
CURRENT RATING AT 25°C = 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)



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



CP	H	04.12.09	10588
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
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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 VERTICAL PC TAIL
MALE ASSEMBLY (BOARD MOUNT)

DRAWING NUMBER:

M80-510XXXX

SHT
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