

# Customer Information Sheet

DRAWING No.: M83-LMTIM2NXX-0000-000

SHEET 2 OF 2

IF IN DOUBT - ASK

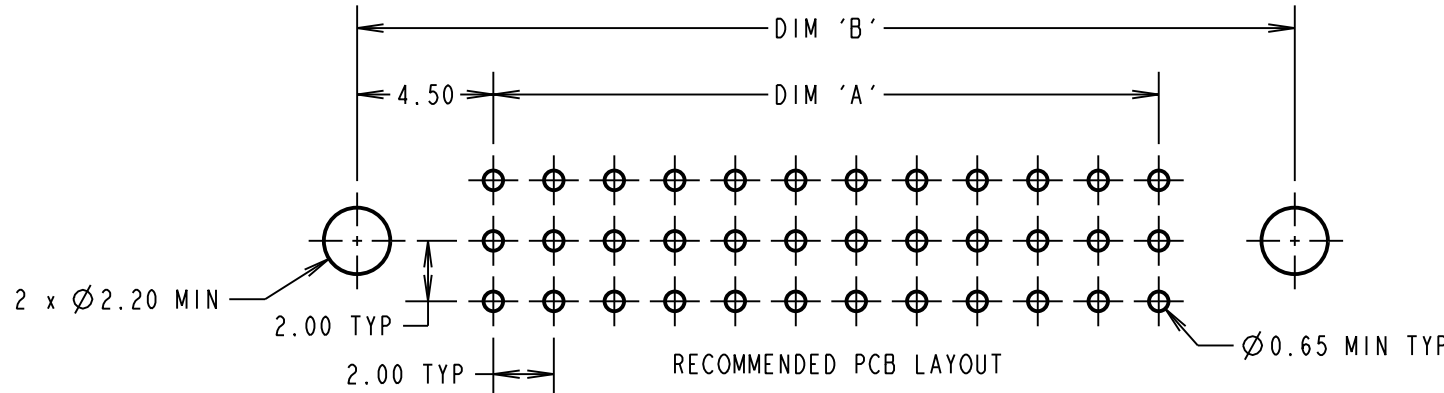
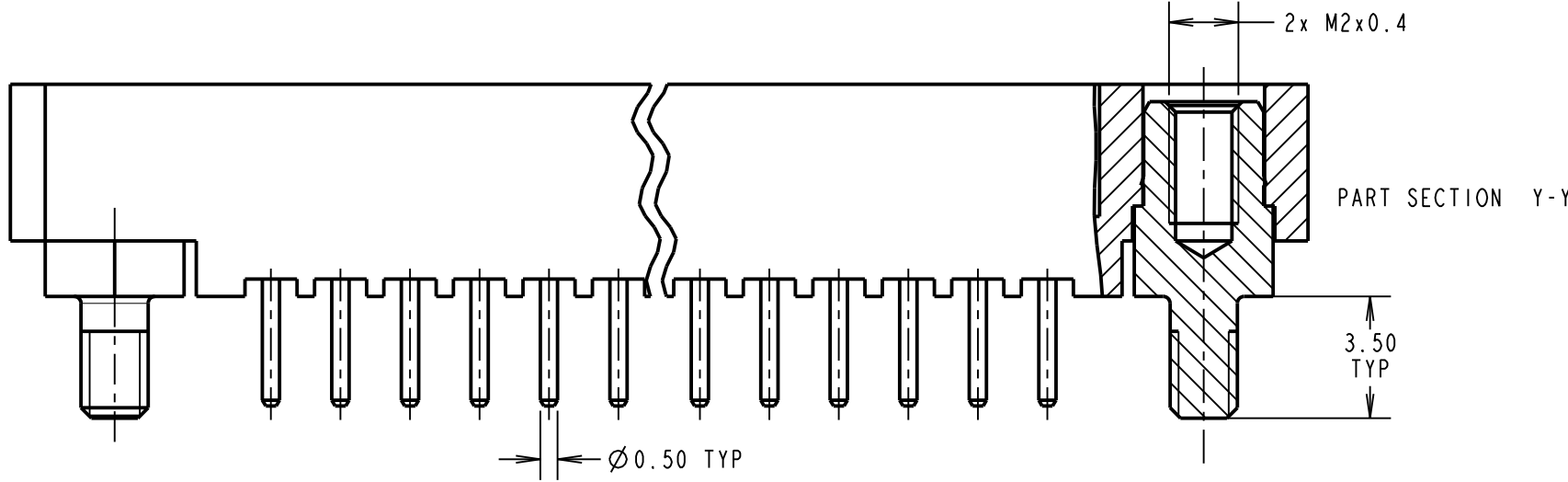
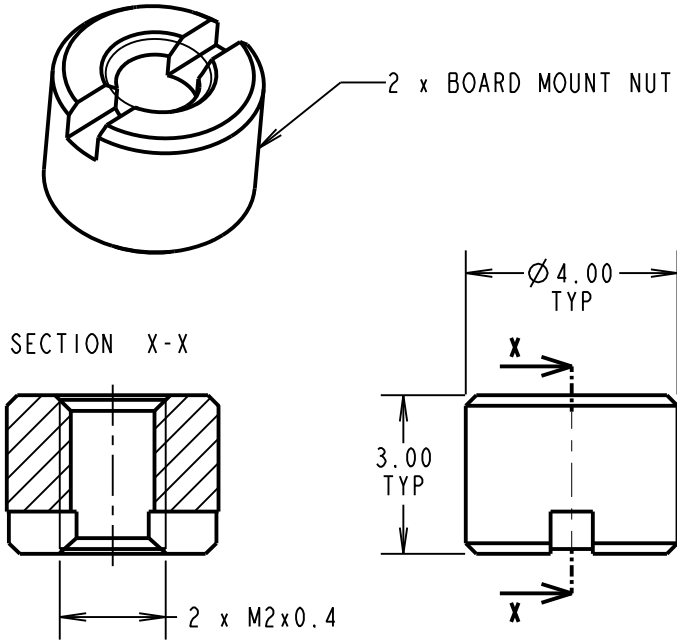
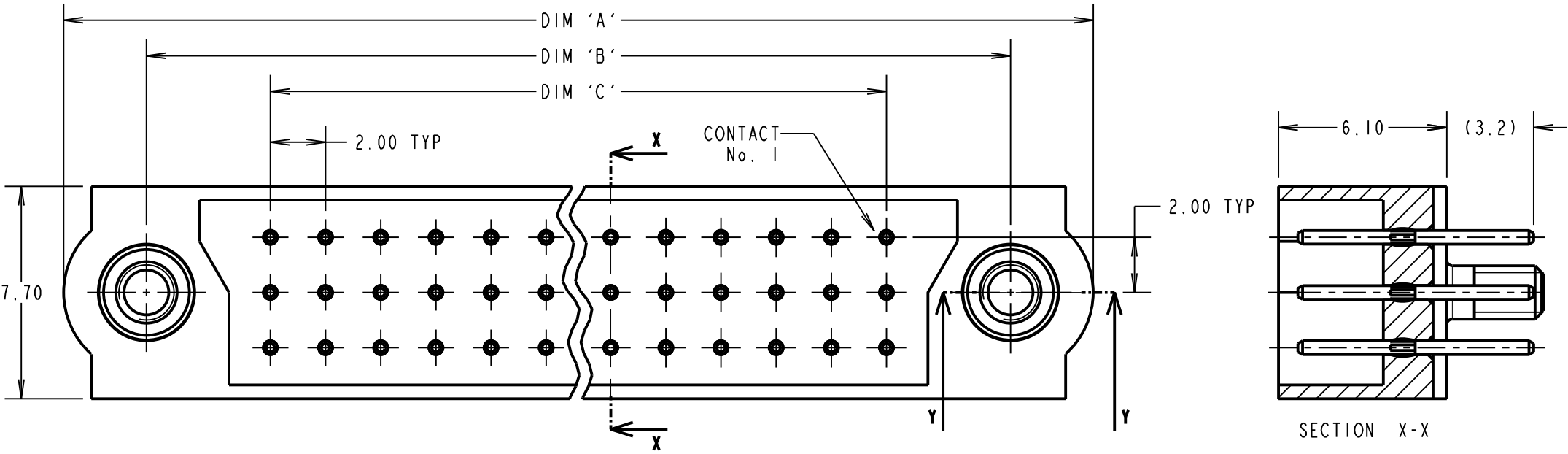
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:  
MATERIAL:  
MOULDING = GLASS-FILLED PPS,  
UL94V-0, BLACK  
JACKSCREW = STAINLESS STEEL  
CONTACT = PHOSPHOR BRONZE  
FINISH:  
CONTACT = 0.75µ GOLD  
ELECTRICAL:  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
CONTACT RESISTANCE = 25 mΩ MAX  
WORKING VOLTAGE = 120V AC/DC  
VOLTAGE PROOF = 360V AC/DC  
INSULATION RESISTANCE = 100 MΩ MIN  
MECHANICAL:  
DURABILITY = 500 OPERATIONS  
ENVIRONMENTAL:  
TEMPERATURE RANGE = -55°C TO +125°C  
PACKING:  
TRAY.  
BOARD MOUNT NUTS PACKED SEPERATELY  
IN BAG  
FOR COMPLETE SPECIFICATION, SEE  
COMPONENT SPECIFICATION C005XX  
(LATEST ISSUE)



ORDER CODE:  
**M83-LMTIM2NXX-0000-000**  
TOTAL No. OF CONTACTS  
18, 27, 36, 54, 60, 63, 72, 96

| DIMENSION                                                                                                           | CALCULATION                            |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| DIM 'A'                                                                                                             | ((TOTAL No. OF CONTACTS / 3) x 2) + 13 |
| DIM 'B'                                                                                                             | ((TOTAL No. OF CONTACTS / 3) x 2) + 7  |
| DIM 'C'                                                                                                             | ((TOTAL No. OF CONTACTS / 3) x 2) - 2  |
| EXAMPLE: CONNECTOR WITH 27 CONTACTS,<br>M83-LMTIM2N27-0000-000<br>DIM 'A' = 31.00, DIM 'B' = 25.00, DIM 'C' = 16.00 |                                        |

|                     |      |          |        |
|---------------------|------|----------|--------|
| SB                  | 2    | 01.02.12 | 11638  |
| NAME                | ISS. | DATE     | C/NOTE |
| APPROVED: S.BENNETT |      |          |        |
| CHECKED: S.FLOWER   |      |          |        |
| DRAWN: S. MCCULLAGH |      |          |        |
| 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: mm<sup>2</sup>

TITLE: JACKSCREW DATAMATE  
3-ROW MALE VERTICAL PC TAIL  
ASSEMBLY  
DRAWING NUMBER:  
**M83-LMTIM2NXX-0000-000**  
SHT  
2 OF 2