

Customer Information Sheet

DRAWING No.: M83-LFTIF2NXX-0000-000

SHEET 2 OF 2

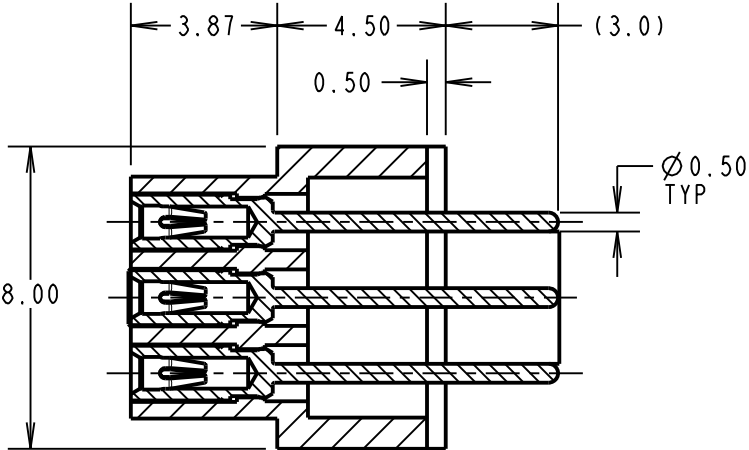
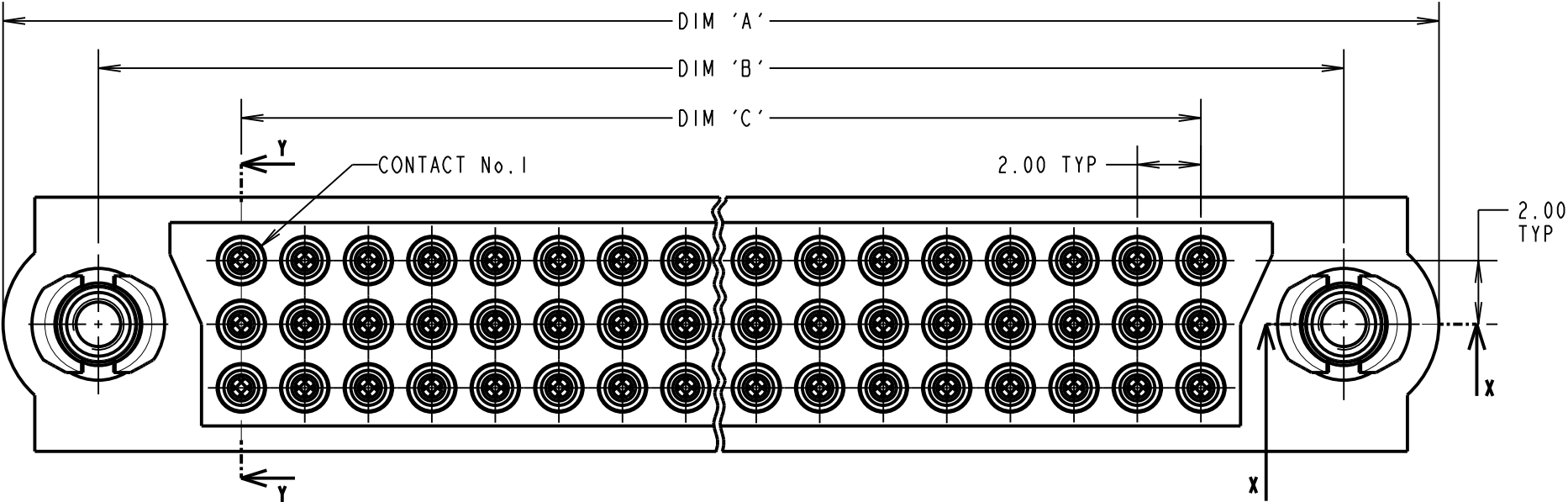
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION Y-Y

SPECIFICATIONS:

MATERIAL:

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

JACKSCREW = STAINLESS STEEL

JACKSCREW COLLAR = NICKEL COATED BRASS

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

CONTACT CLIP = 0.3µ GOLD

CONTACT SHELL = 0.25 - 0.3µ 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

INSULATION RESISTANCE = 100 MΩ MIN

CONTACT RESISTANCE = 25 mΩ MAX

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 1.0N MAX

WITHDRAWAL FORCE = 0.2N MIN

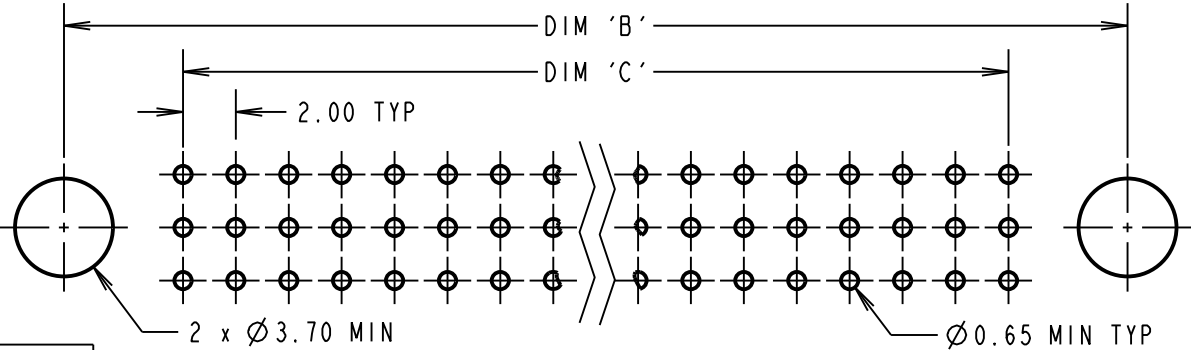
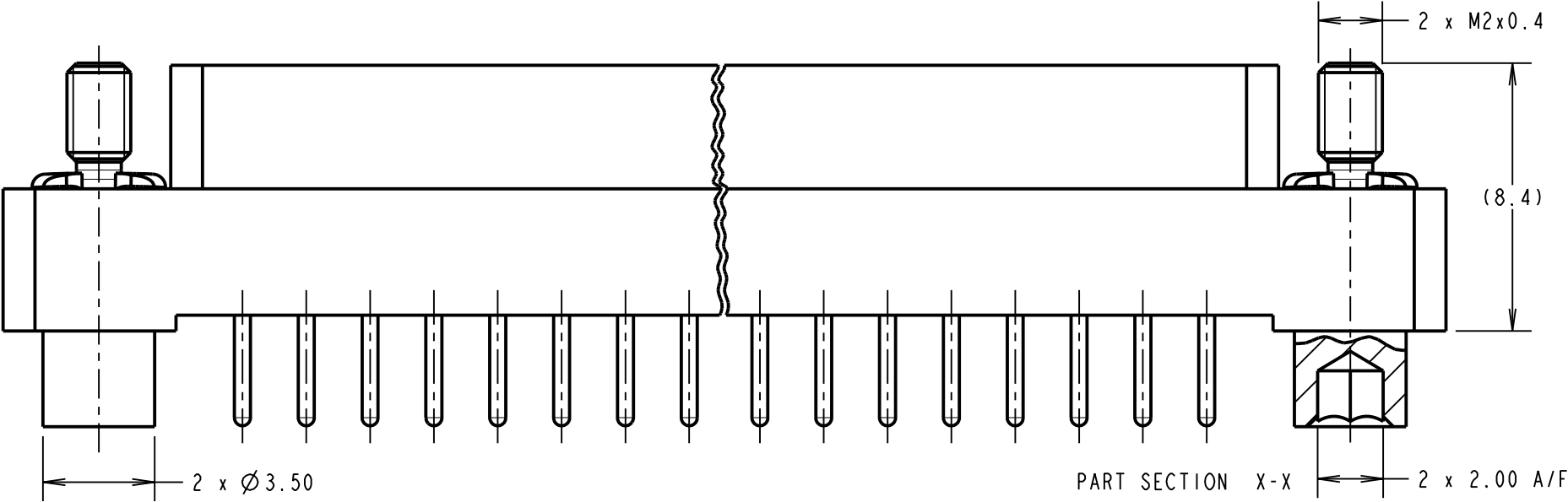
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TRAY

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



| DIMENSION                                                                                                           | CALCULATION                         |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DIM 'A'                                                                                                             | ((TOTAL No. OF CONTACTS /3) x2) +13 |
| DIM 'B'                                                                                                             | ((TOTAL No. OF CONTACTS /3) x2) +7  |
| DIM 'C'                                                                                                             | ((TOTAL No. OF CONTACTS /3) x2) -2  |
| EXAMPLE: CONNECTOR WITH 27 CONTACTS,<br>M83-LFTIF2N27-0000-000<br>DIM 'A' = 31.00, DIM 'B' = 25.00, DIM 'C' = 16.00 |                                     |

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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  
3-ROW FEMALE VERTICAL  
PC TAIL ASSEMBLY

DRAWING NUMBER:

M83-LFTIF2NXX-0000-000

ORDER CODE:

M83-LFTIF2NXX-0000-000

TOTAL No. OF CONTACTS

18, 24, 27, 36, 48, 51,  
54, 60, 63, 78, 96

|                     |      |          |        |
|---------------------|------|----------|--------|
| SB                  | 2    | 02.02.12 | 11638  |
| NAME                | ISS. | DATE     | C/NOTE |
| APPROVED: S.BENNETT |      |          |        |
| CHECKED: S.FLOWER   |      |          |        |
| DRAWN: S. MCCULLAGH |      |          |        |
| CUSTOMER REF.:      |      |          |        |
| ASSEMBLY DRG:       |      |          |        |