

Customer Information Sheet

DRAWING No.: M83-LFTIMINXX-0000-000

SHEET 2 OF 2

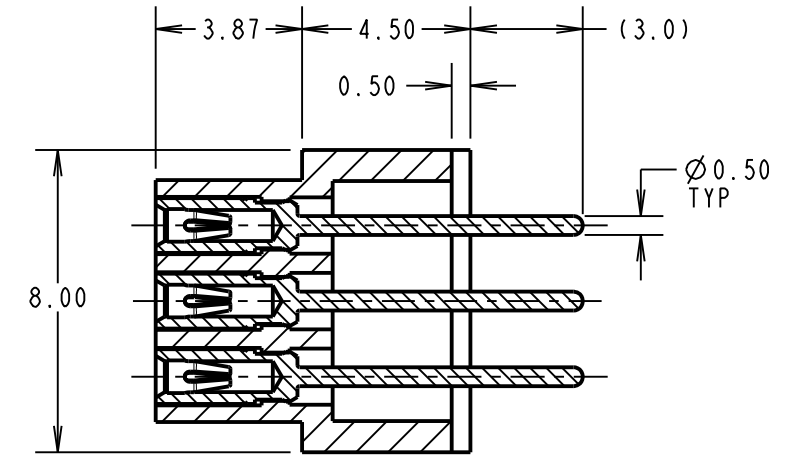
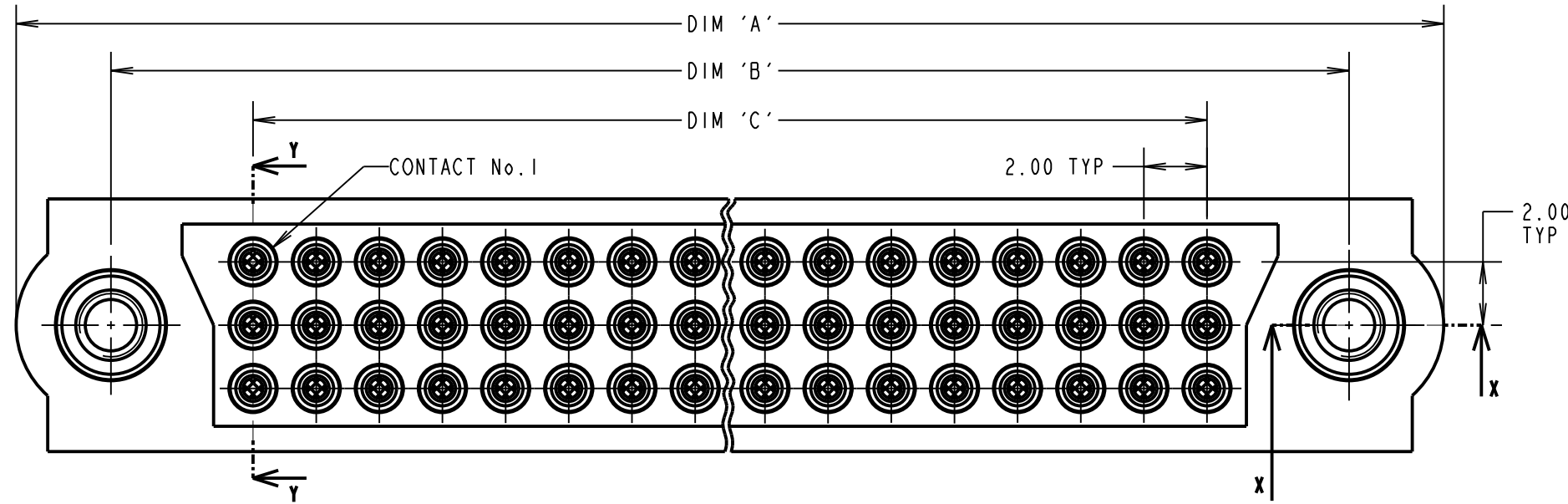
IF IN DOUBT - ASK

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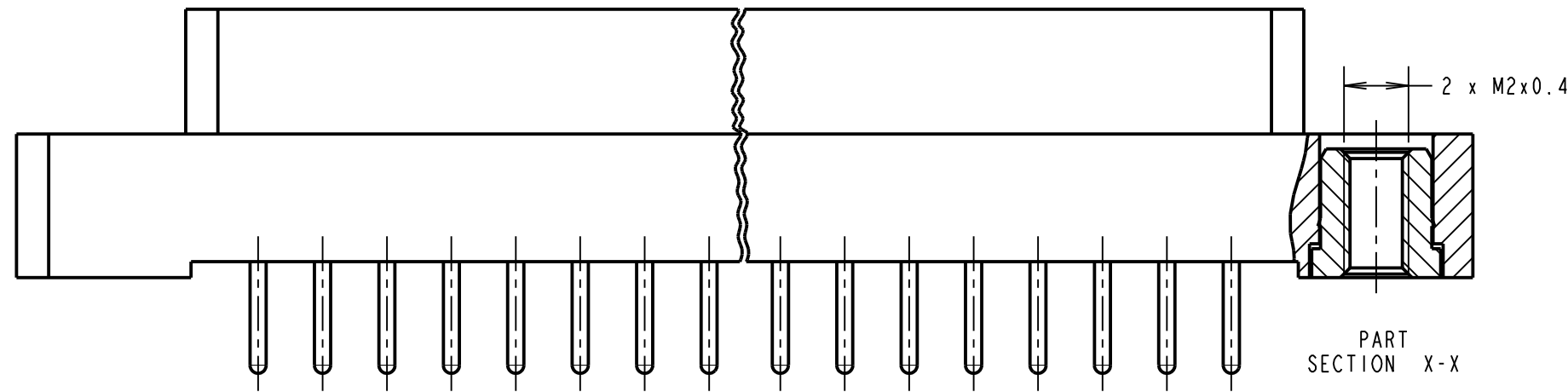
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



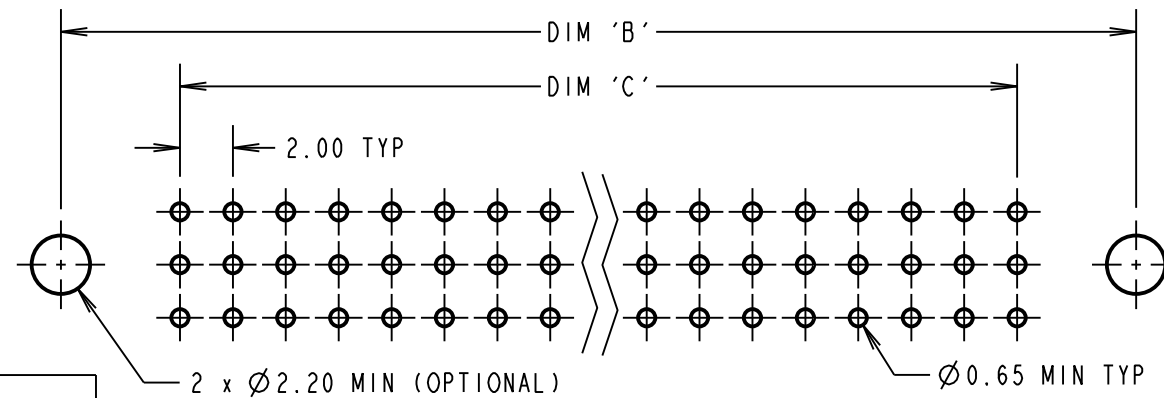
SECTION Y-Y



PART SECTION X-X

SPECIFICATIONS:

- MATERIAL:**
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 JACKSCREW = STAINLESS STEEL
 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 = 800V AC/DC
 VOLTAGE PROOF = 1200V 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)



RECOMMENDED PCB LAYOUT

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, M83-LFTIMIN27-0000-000 DIM 'A' = 31.00, DIM 'B' = 25.00, DIM 'C' = 16.00	

ORDER CODE:
M83-LFTIMINXX-0000-000
 TOTAL No. OF CONTACTS: 18, 24, 27, 36, 48, 51, 54, 60, 63, 78, 96

MGP	1	29.02.12	-----
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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-LFTIMINXX-0000-000

SHT
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