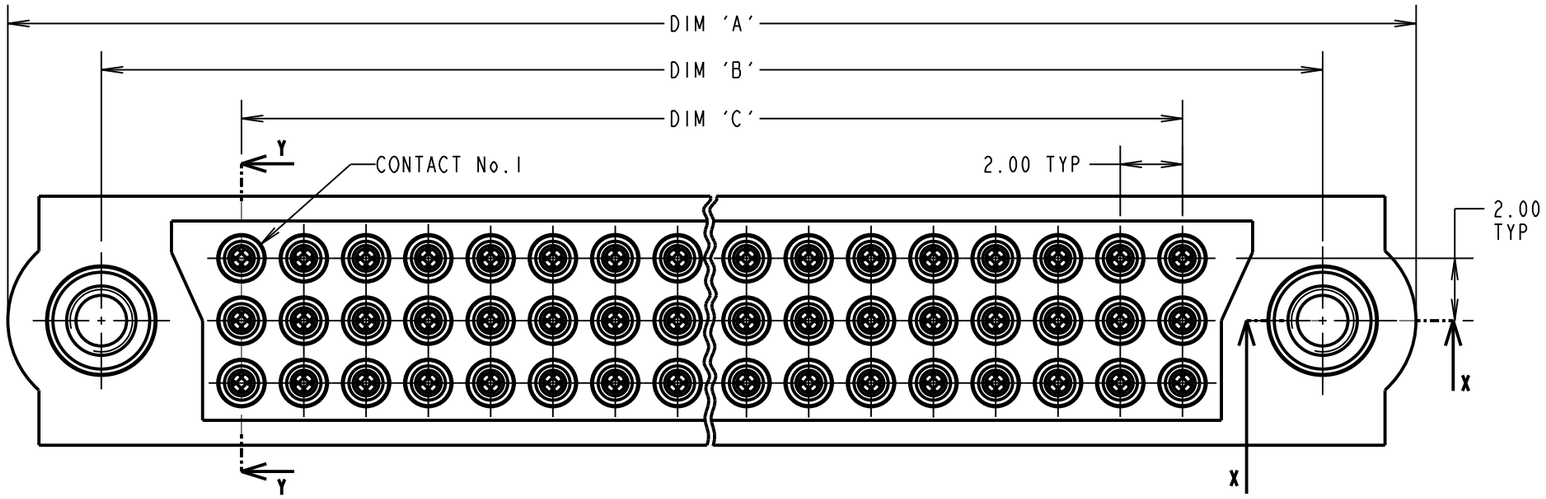
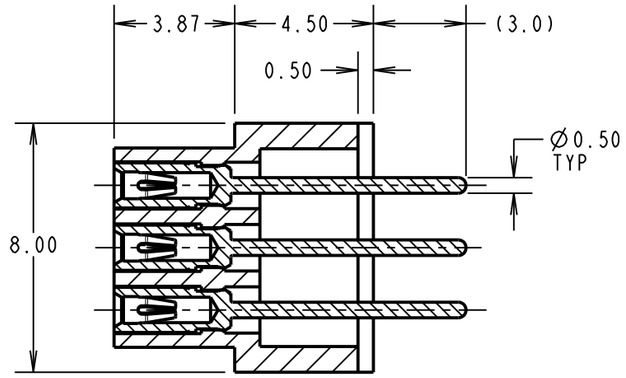
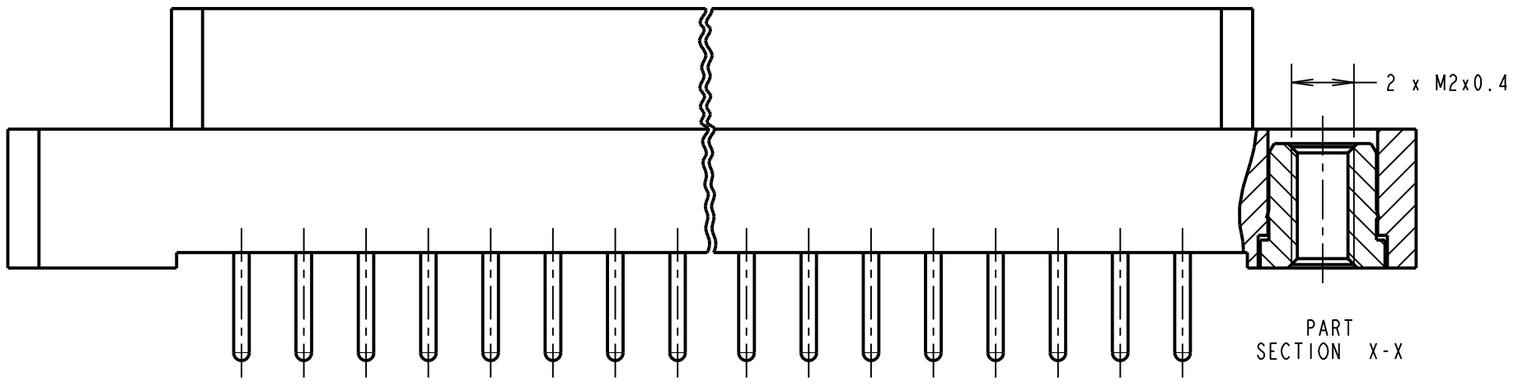
Customer Information Sheet

DRAWING No.: M83-LFTIMINXX-0000-000	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

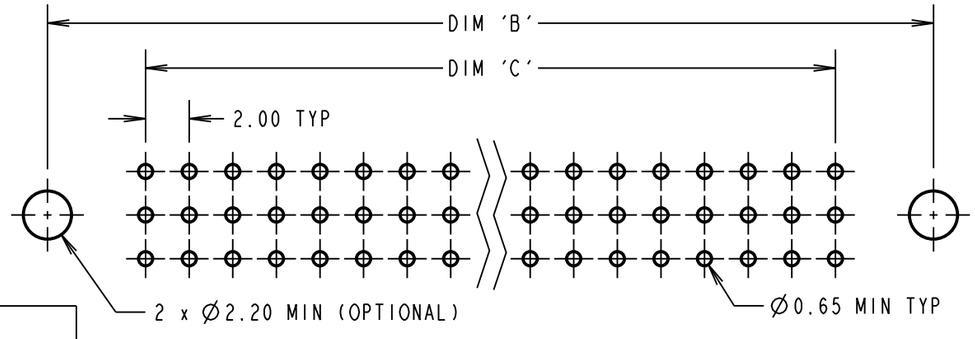




SECTION Y-Y



PART
SECTION X-X



RECOMMENDED PCB LAYOUT

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)

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
www.harwin.com
technical@harwin.com

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 2 OF 2