

Customer Information Sheet

DRAWING No.: M83-LFTIF4NXX-0000-000

SHEET 2 OF 2

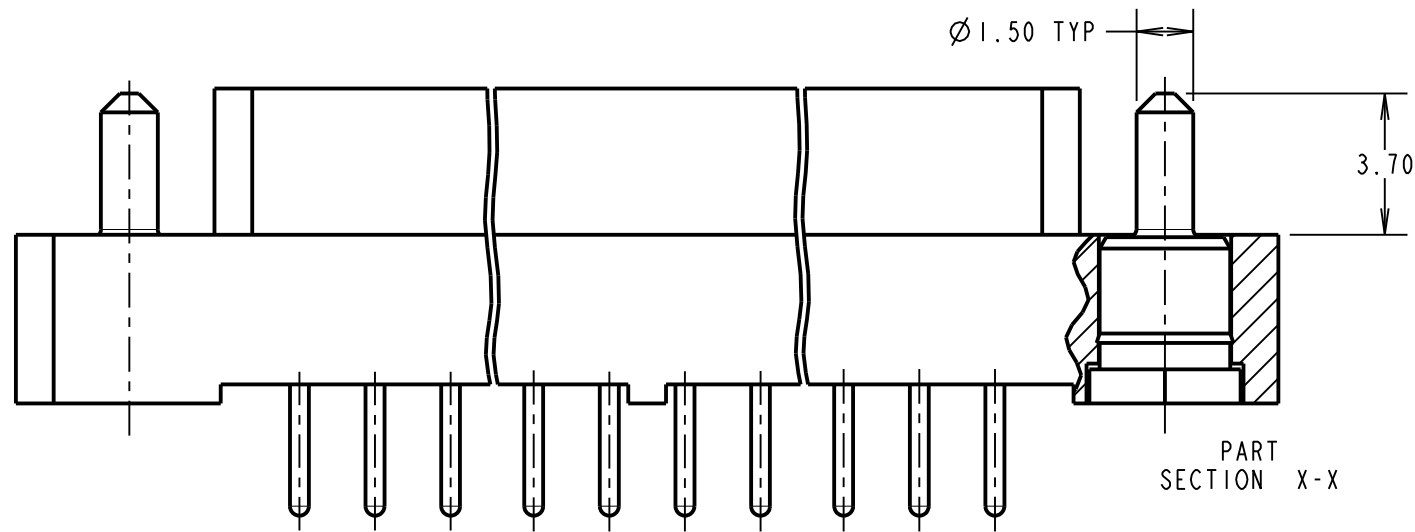
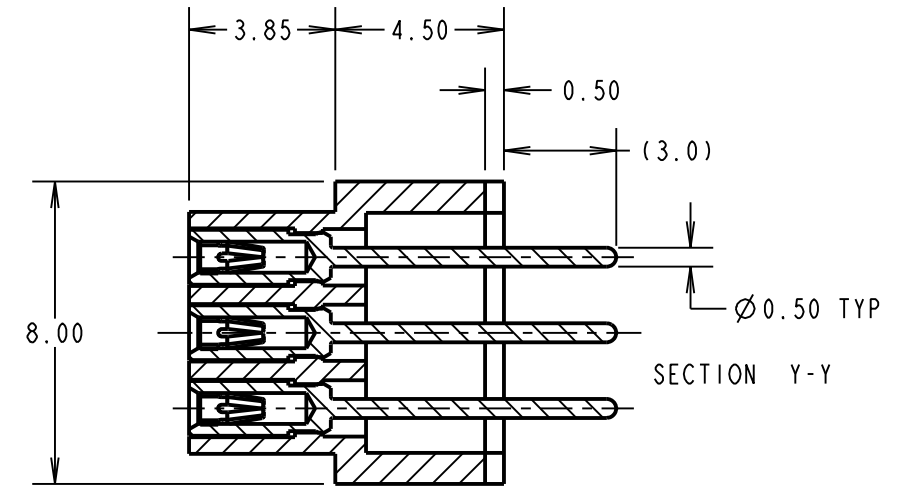
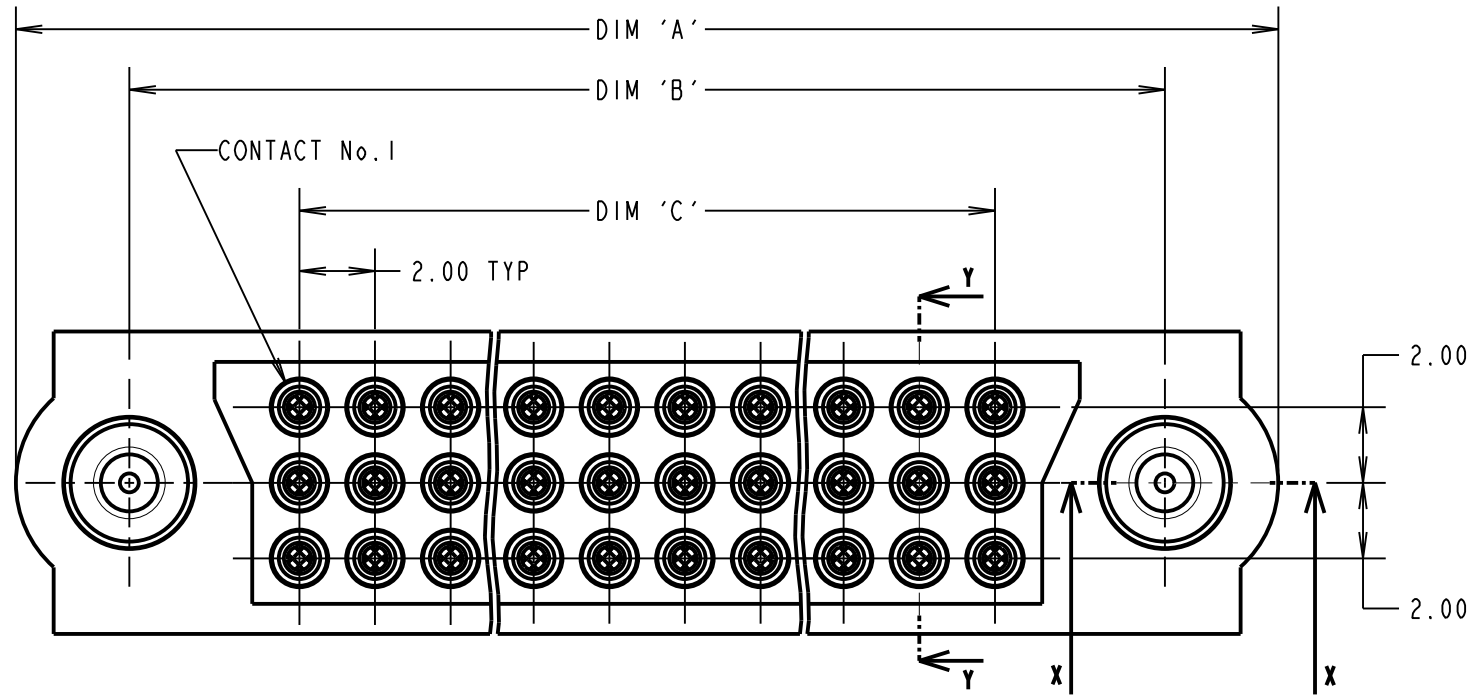
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 JACKSCREW GUIDE PINS = 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 = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE = 25 mΩ MAX
 INSULATION RESISTANCE = 100 MΩ MIN

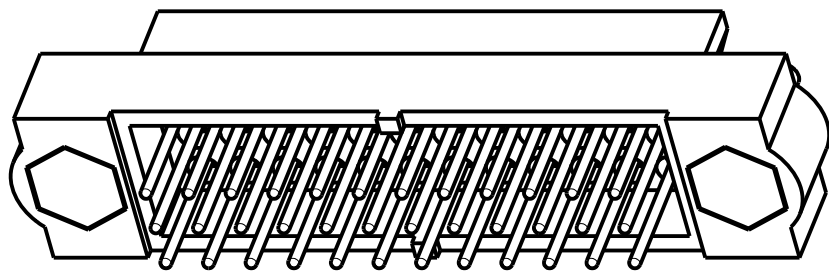
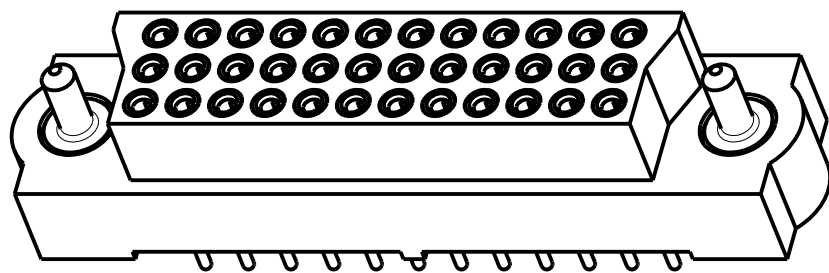
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 1.0N MAX
 WITHDRAWAL FORCE = 0.2N MIN

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
 TRAY
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

NOTES:

1. RECOMMENDED PCB HOLE SIZE = Ø0.65mm MIN.



ORDER CODE:

M83-LFTIF4NXX-0000-000

TOTAL No. OF WAYS
 18, 24, 27, 36, 48, 51, 60, 63, 78, 96

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-LFTIF4N27-0000-000
 DIM 'A' = 31.00, DIM 'B' = 25.00, DIM 'C' = 16.00

SB	3	22.03.12	11687
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: S.BENNETT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
 technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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 VERTICAL FEMALE ASSY
 (36-WAY)

DRAWING NUMBER:
M83-LFTIF4NXX-0000-000 SHT 2 OF 2