

Customer Information Sheet

DRAWING No.: M83-LML3M5NXX-0000-000

SHEET 2 OF 2

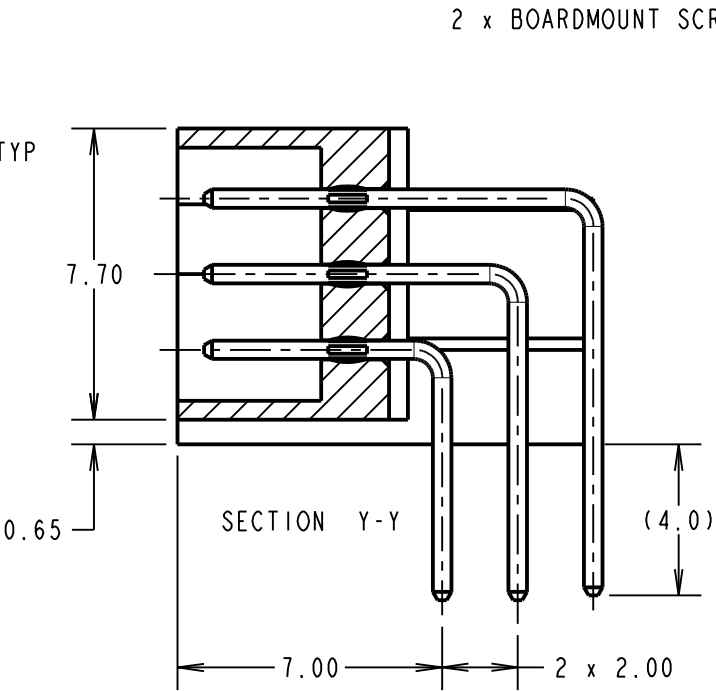
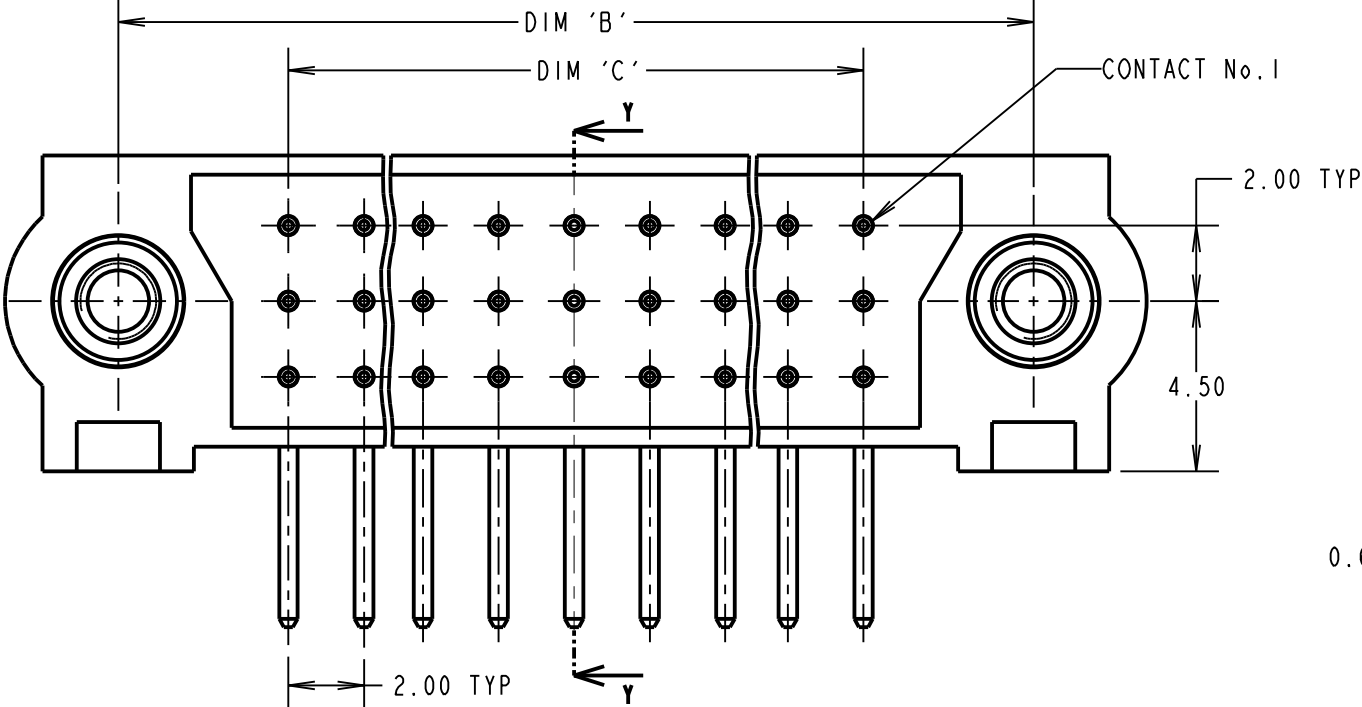
IF IN DOUBT - ASK

(C)

NOT TO SCALE

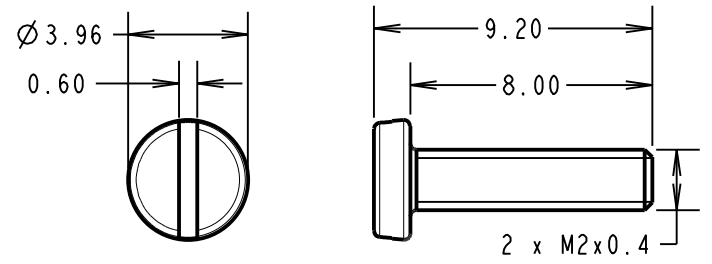
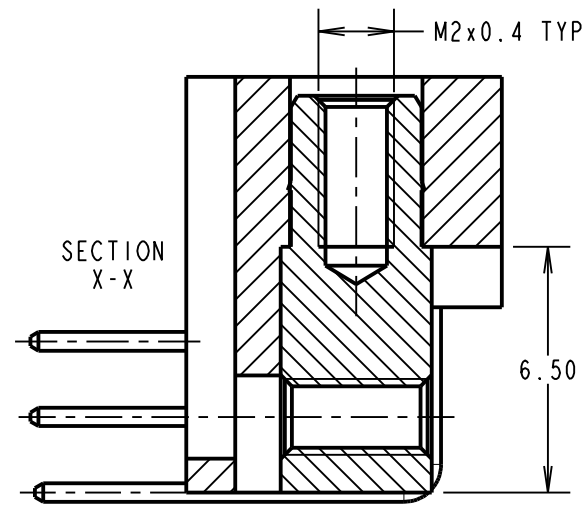
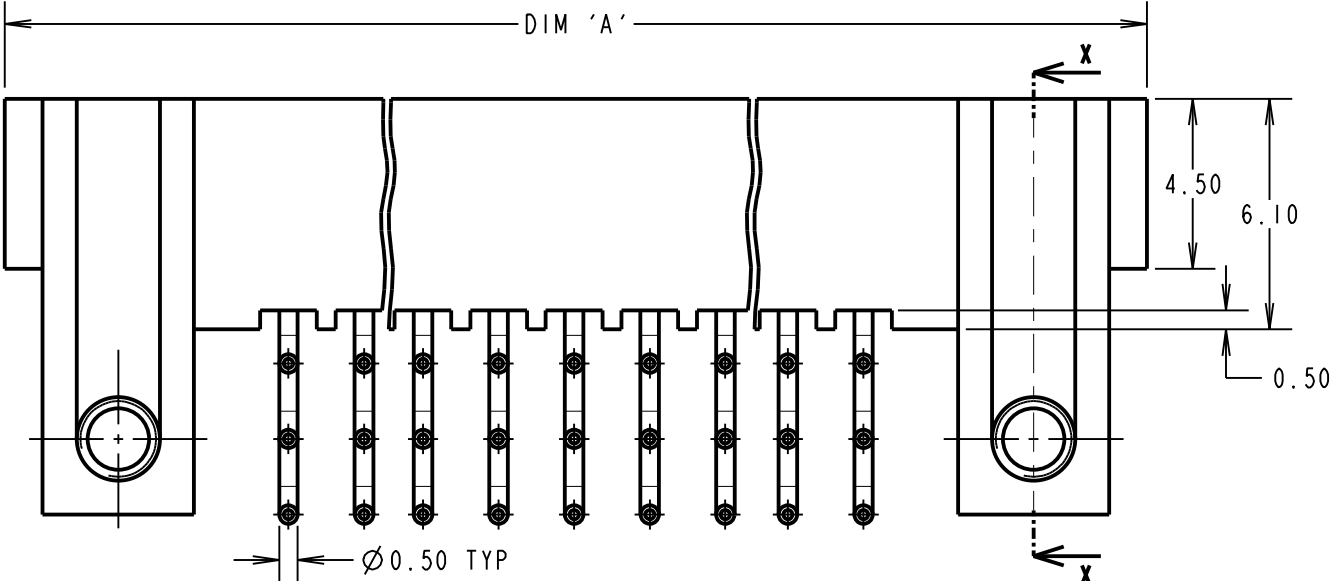
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

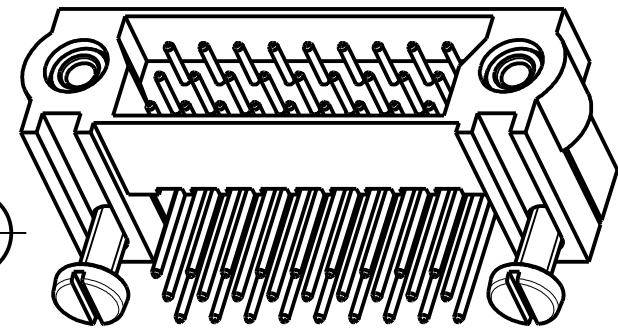
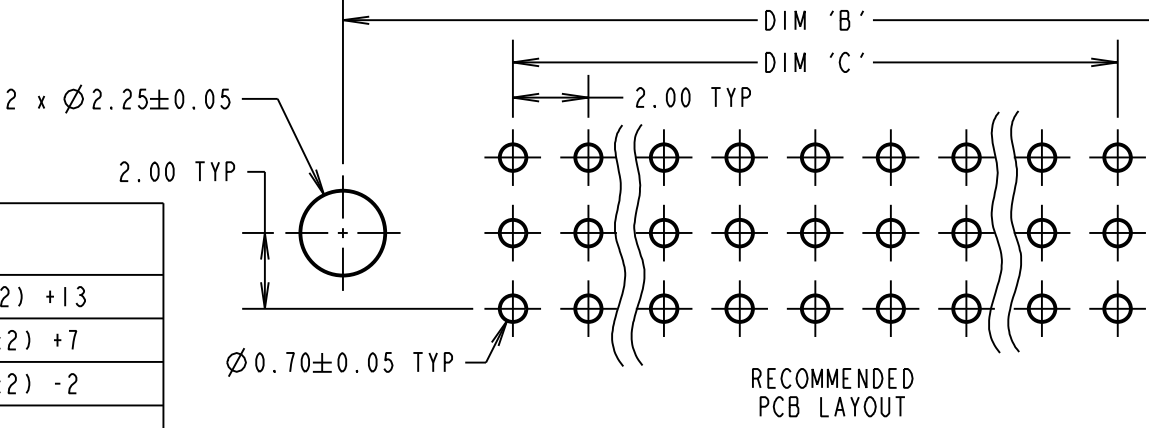


SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
BOARDMOUNTS AND SCREWS = STAINLESS STEEL
SIGNAL CONTACT = PHOSPHOR BRONZE
FINISH:
SIGNAL CONTACT = 0.75µ GOLD
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE = 25mΩ MAX
INSULATION RESISTANCE = 100MΩ MIN
MECHANICAL:
DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
TRAY
BOARD SCREWS PACKED SEPERATELY IN A BAG
FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C005XX
(LATEST ISSUE)

ORDER CODE:
M83-LML3M5NXX-0000-000
TOTAL No. OF CONTACTS
18, 27, 36, 48, 54, 60, 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 1: CONNECTOR WITH 27 CONTACTS, M83-LML3M5N27-0000-000 DIM 'A' = 31.00mm, DIM 'B' = 25.00mm, DIM 'C' = 16.00mm	
EXAMPLE 2: CONNECTOR WITH 54 CONTACTS, M83-LML3M5N54-0000-000 DIM 'A' = 49.00mm, DIM 'B' = 43.00mm, DIM 'C' = 34.00mm	



MSP	3	08.10.15	13026
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: R.ADDE			
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 = ±0.50mm
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 HORIZONTAL MALE ASSY
DRAWING NUMBER:
M83-LML3M5NXX-0000-000
SHT 2 OF 2