

Customer Information Sheet

DRAWING No.: M83-LML3M5NXX-0000-000

SHEET 2 OF 2

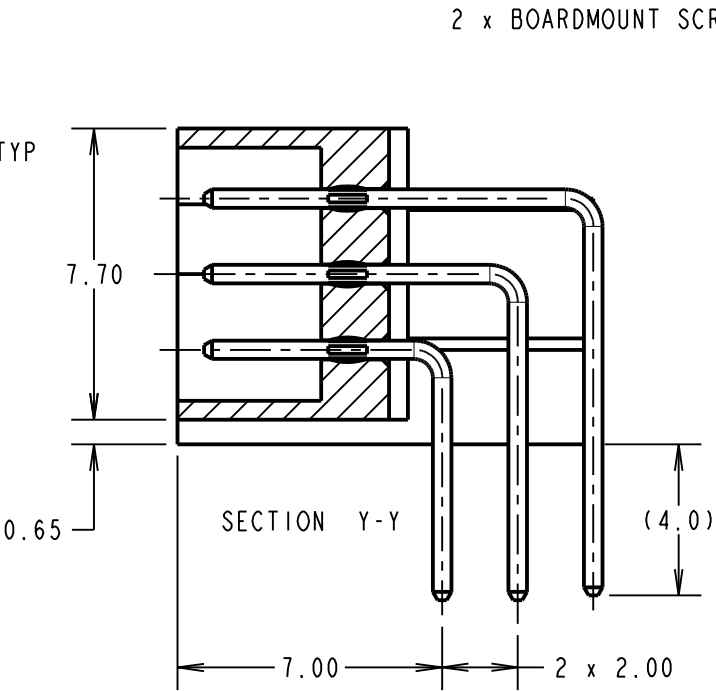
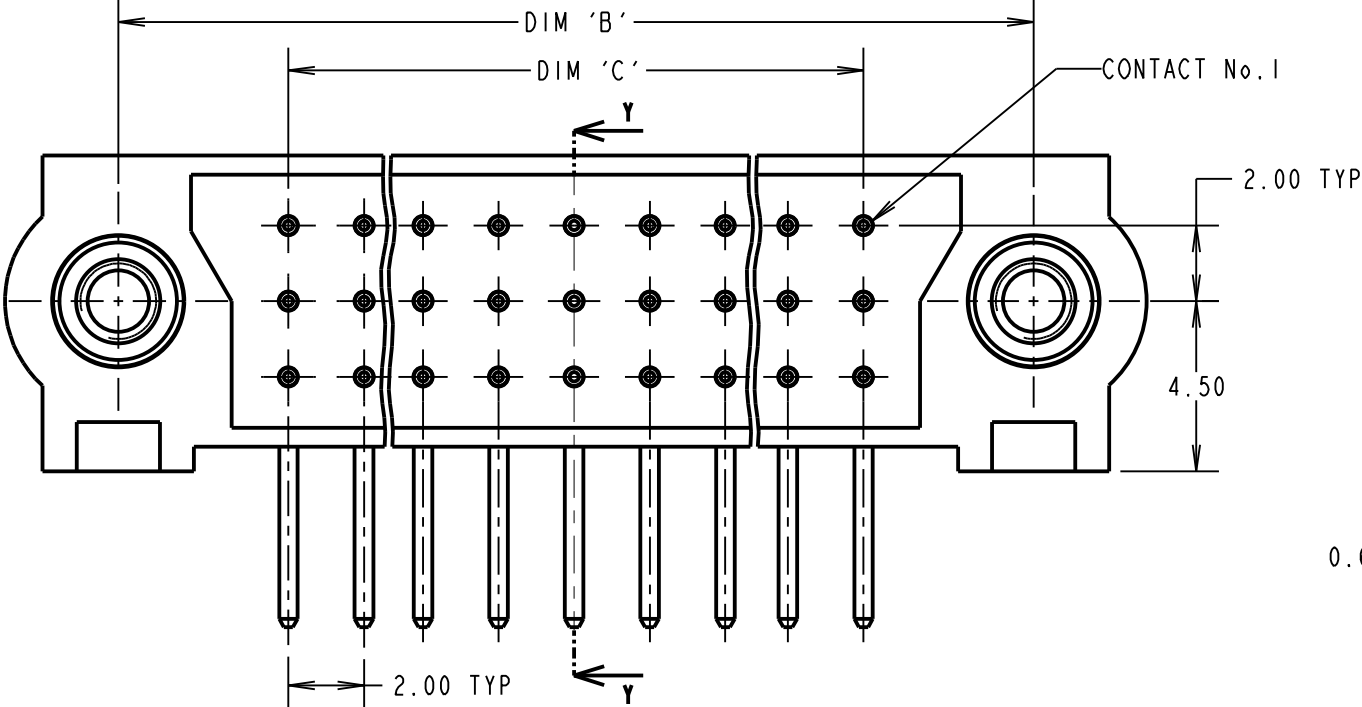
IF IN DOUBT - ASK

(C)

NOT TO SCALE

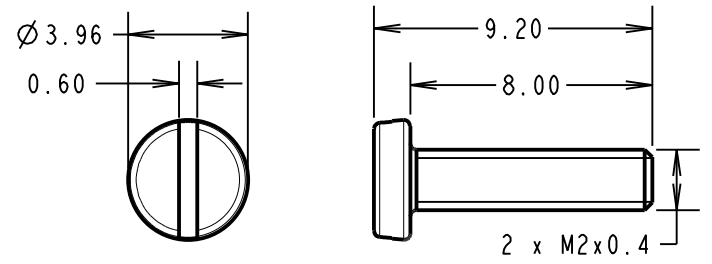
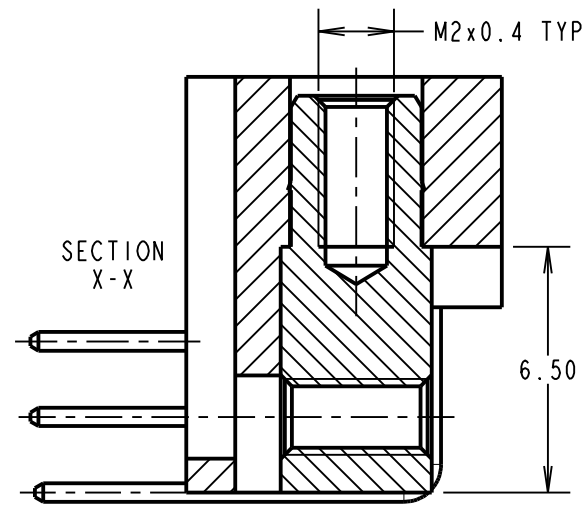
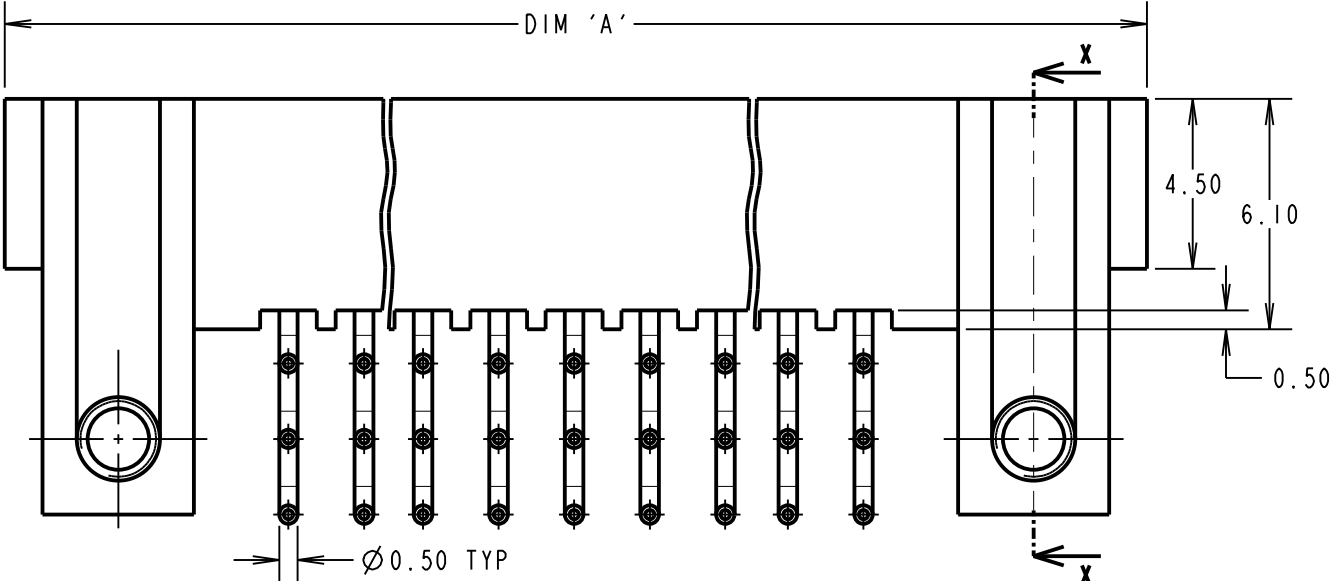
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

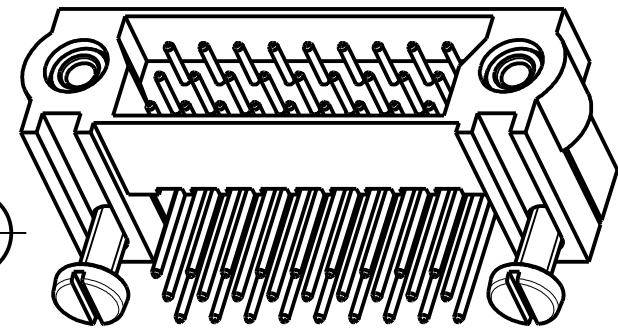
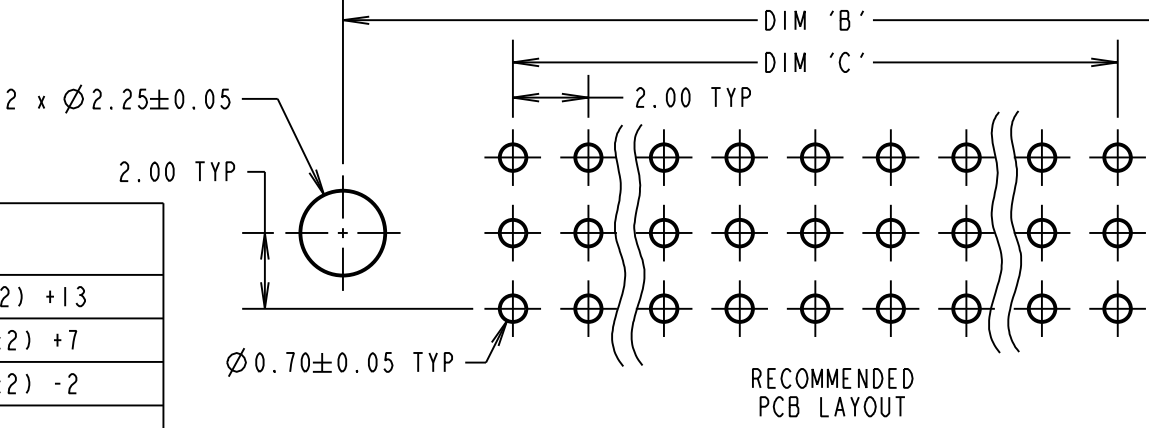


SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
BOARDMOUNTS AND SCREWS = STAINLESS STEEL
SIGNAL CONTACT = PHOSPHOR BRONZE
FINISH:
SIGNAL CONTACT = 0.75µ GOLD
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 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:			

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DISCLOSED, LOANED, COPIED
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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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M83-LML3M5N96-0000-000](#) [M83-LML3M5N48-0000-000](#) [M83-LML3M5N60-0000-000](#) [M83-LML3M5N18-0000-000](#)
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