

# Customer Information Sheet

DRAWING No.: M83-LFD1F4N60-0000-000

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIALS:  
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK  
JACKSCREW = STAINLESS STEEL  
CONTACT CLIP = BERYLLIUM COPPER  
CONTACT SHELL = COPPER ALLOY

FINISH:  
CONTACT CLIP = 0.3µm GOLD  
CONTACT SHELL = 0.25-0.3µm GOLD

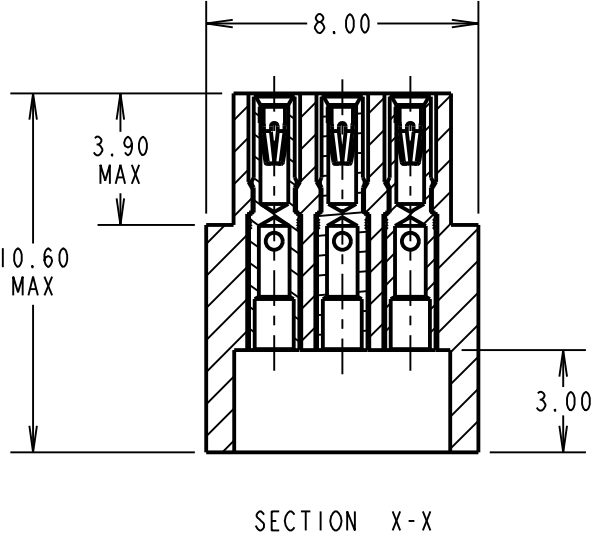
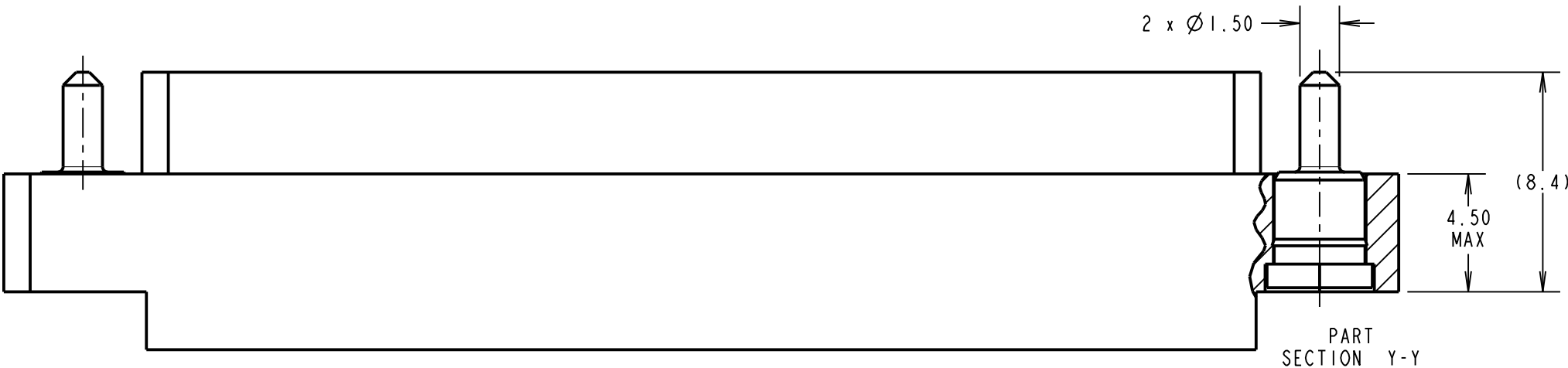
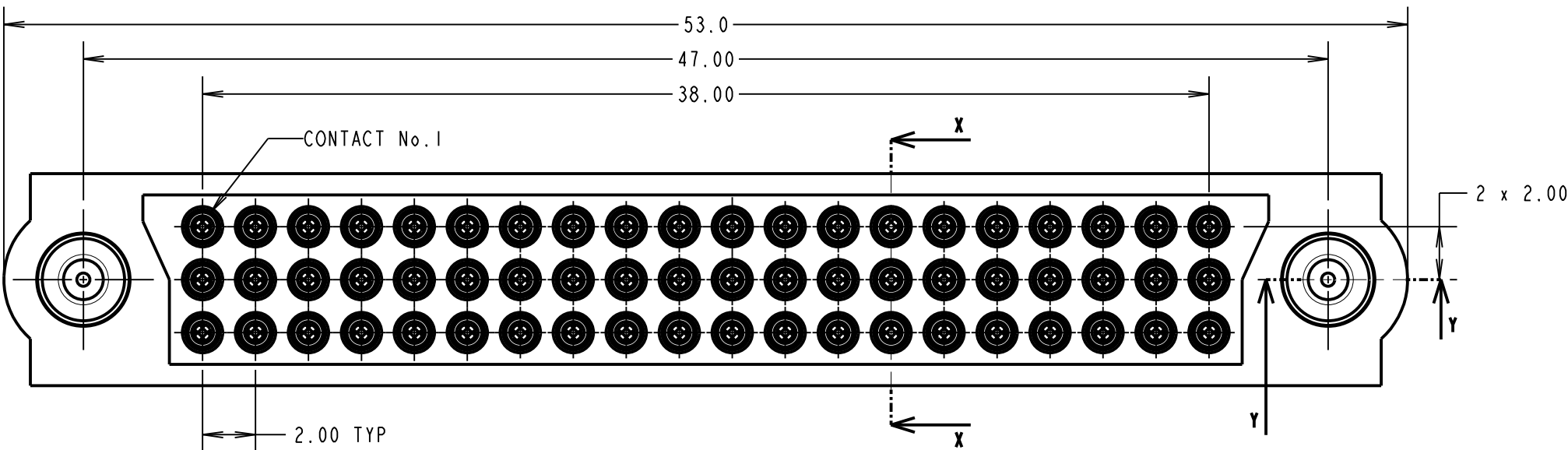
ELECTRICAL:  
CURRENT RATING AT 25°C = 3.0A MAX  
CURRENT RATING AT 85°C = 2.2A MAX  
WORKING VOLTAGE = 800V AC/DC  
VOLTAGE PROOF = 1200V AC/DC  
CONTACT RESISTANCE = 25mΩ MAX  
INSULATION RESISTANCE = 100MΩ MIN

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

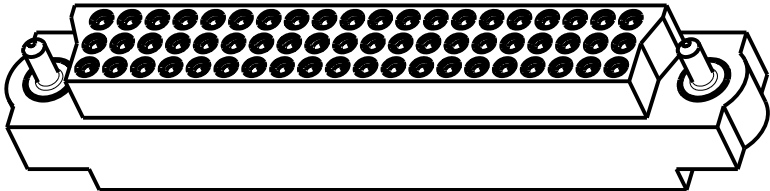
ENVIRONMENTAL:  
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:  
TRAYS

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



- NOTES:
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE., NOT AS SHOWN.
  - FOR EXTRA CONTACTS, USE PART NUMBER M83-0110005.
  - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
  - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. SEE INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INFORMATION.
  - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. SEE INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.



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TOLERANCES  
X. = ±1mm  
X.X = ±0.50mm  
X.XX = ±0.20mm  
X.XXX = ±0.01mm  
ANGLES = ±5°  
UNLESS STATED

MATERIAL:  
SEE ABOVE  
FINISH: SEE ABOVE  
S/AREA: mm<sup>2</sup>

TITLE: JACKSCREW DATAMATE  
3-ROW CRIMP FEMALE ASSY  
(60-WAY)

DRAWING NUMBER:  
M83-LFD1F4N60-0000-000

SHT  
2 OF 2

MGP	3	17.02.21	22194
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

# Mouser Electronics

Authorized Distributor

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

Harwin:

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