

Customer Information Sheet

DRAWING No.: M300-MV31045M1

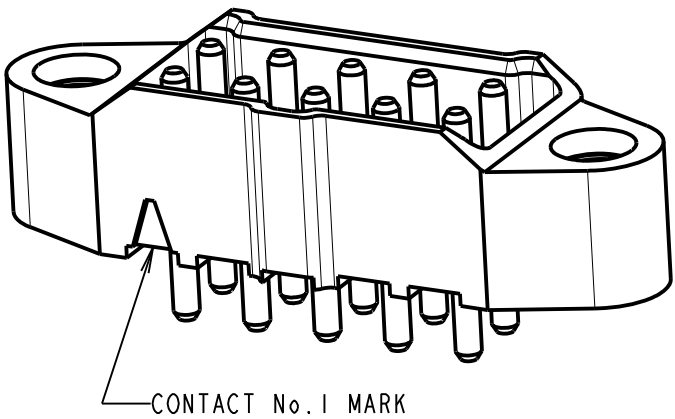
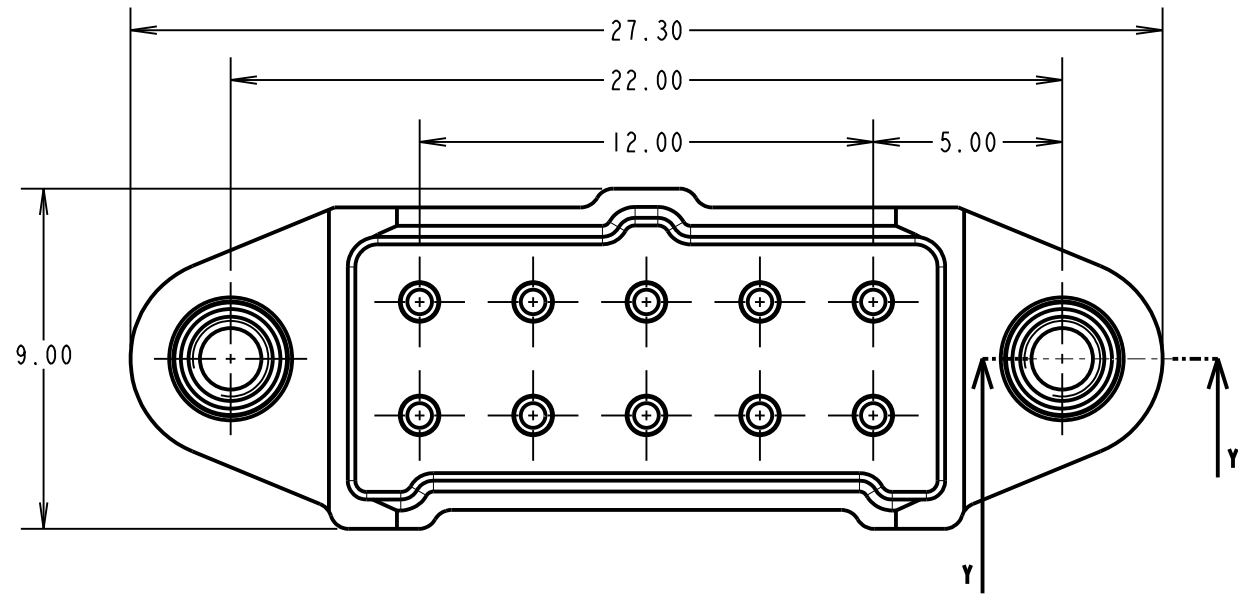
IF IN DOUBT - ASK

©

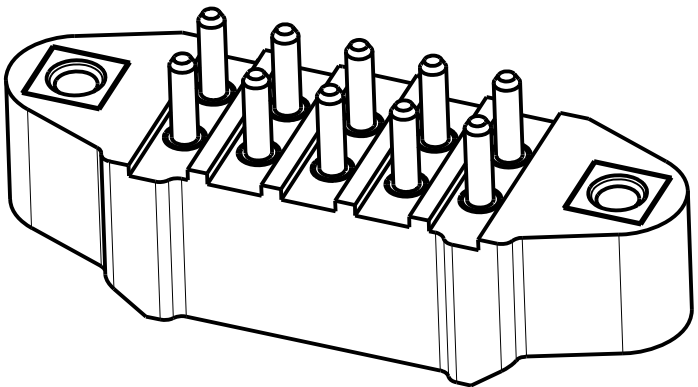
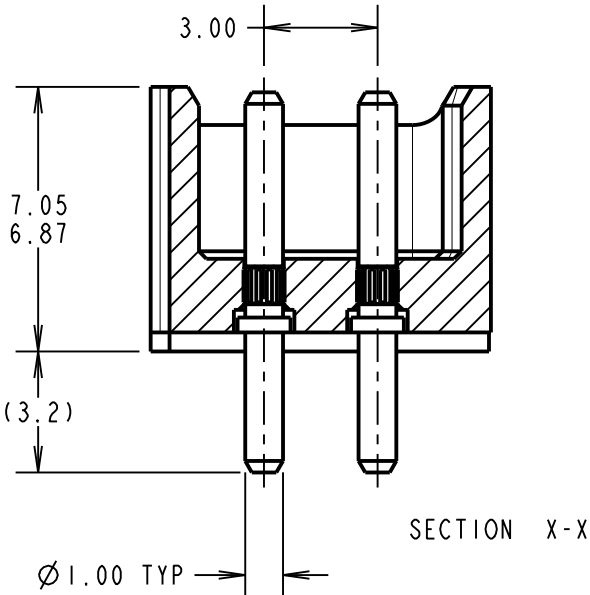
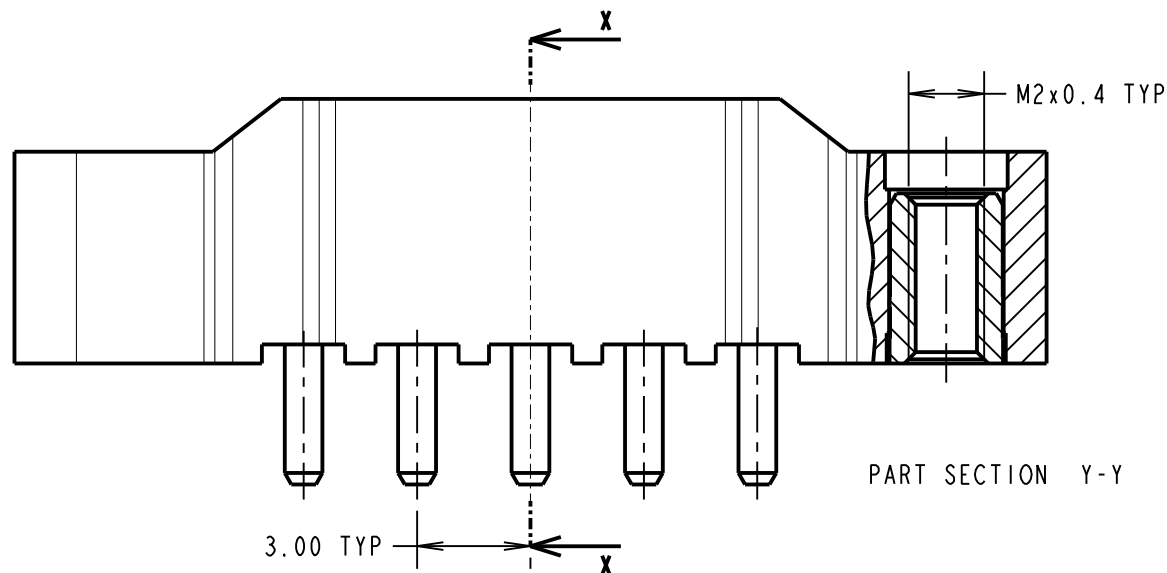
NOT TO SCALE

THIRD ANGLE PROJECTION

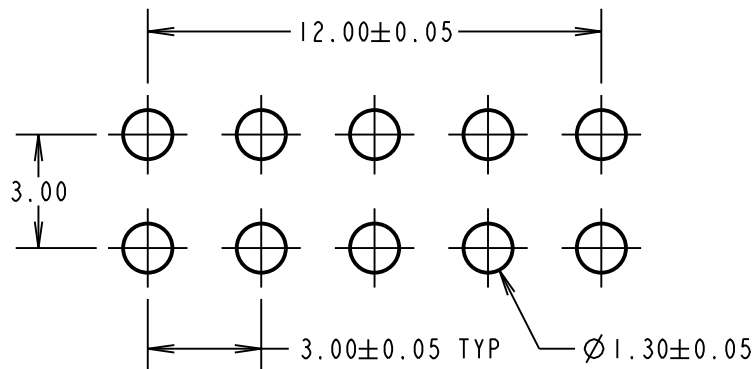
ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PA46 UL94V-0, GREEN
CONTACTS = BRASS
JACKSCREW NUT = STAINLESS STEEL
FINISH:
0.76/1.00µ GOLD
ELECTRICAL:
CURRENT RATING = 10A MAX
WORKING VOLTAGE = 600V AC/DC
VOLTAGE PROOF = 1800V AC/DC
CONTACT RESISTANCE = 6mΩ MAX
INSULATION RESISTANCE = 100MΩ MIN
MECHANICAL:
DURABILITY = 1000 OPERATIONS
INSERTION FORCE = 9.0N MAX
WITHDRAWAL FORCE = 1.0N MIN
ENVIRONMENTAL:
TEMPERATURE RANGE = -65°C TO +175°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C048XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT



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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: 1mm POWER CONNECTOR
DIL VERTICAL PC TAIL
MALE ASSEMBLY

DRAWING NUMBER:
M300-MV31045M1

MGP	1	11.12.15	13198
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

SHT
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