

Customer Information Sheet

DRAWING No.: M300-FV31045F2

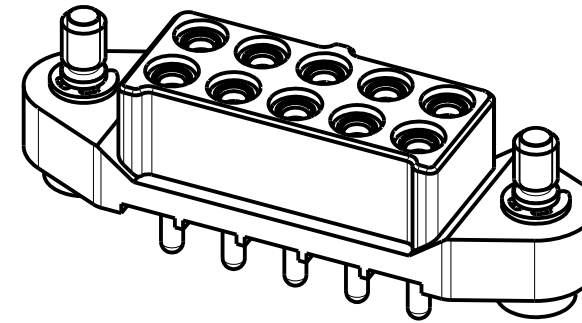
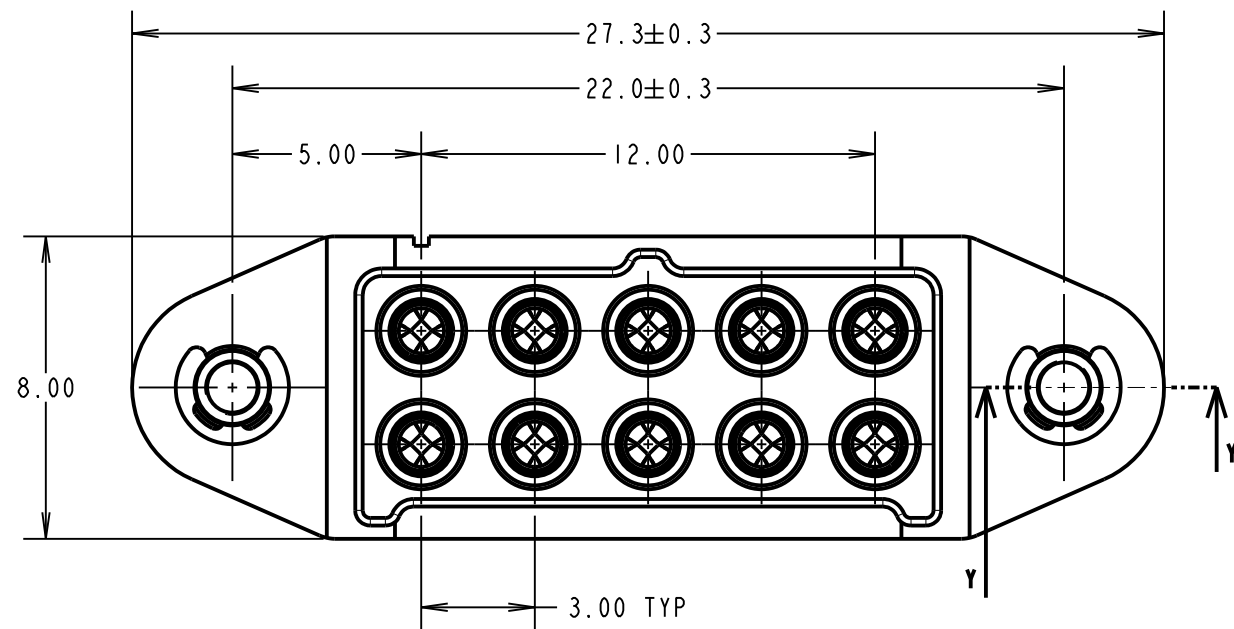
IF IN DOUBT - ASK

©

NOT TO SCALE

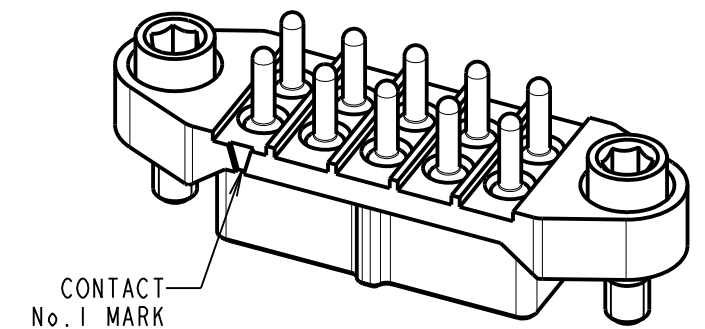
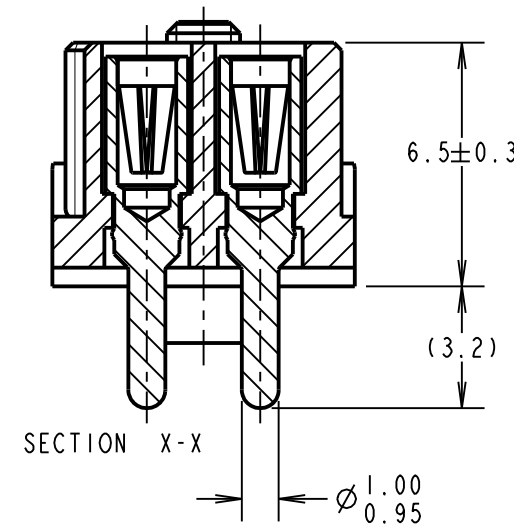
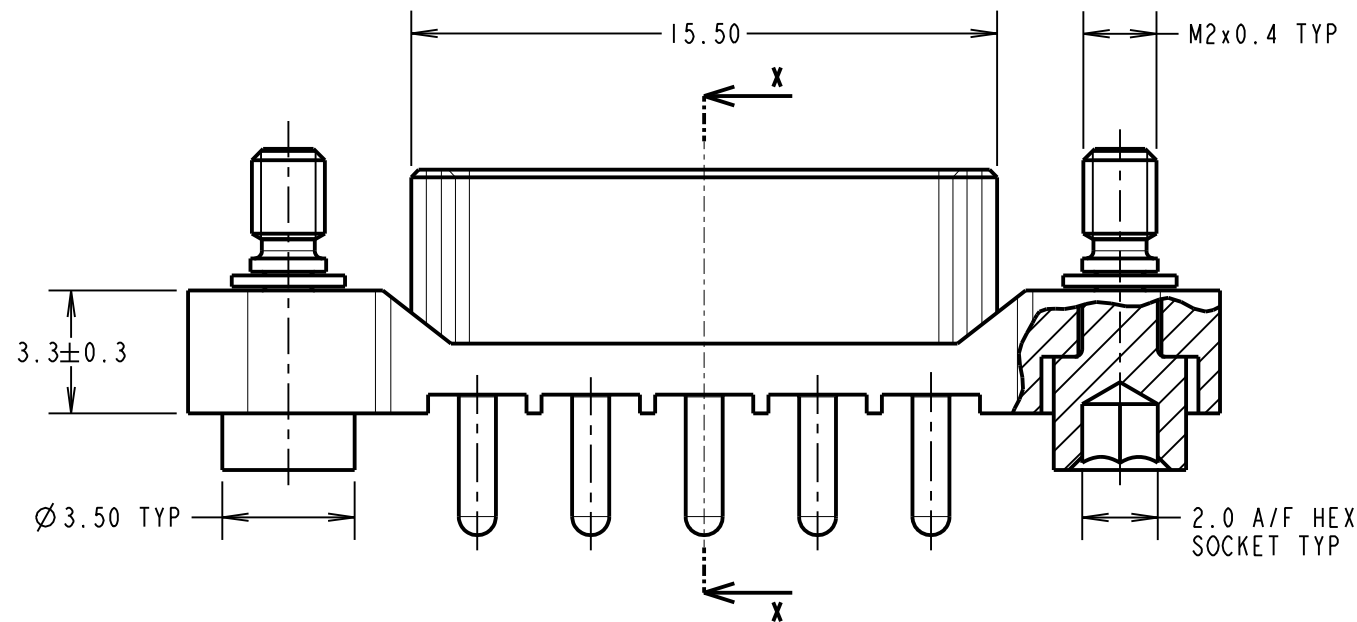
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



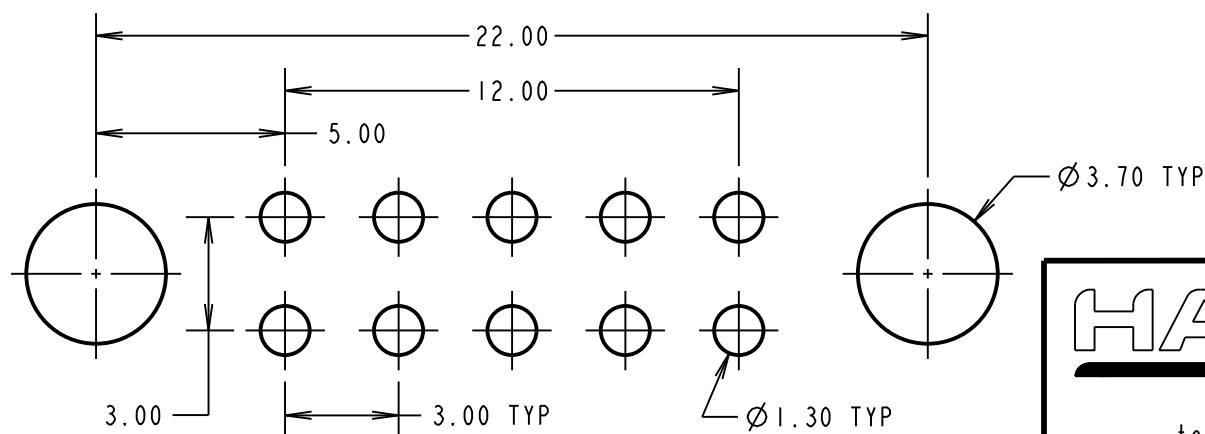
SPECIFICATIONS:

MATERIAL:
 Moulding = GLASS-FILLED PA46 UL94V-0, GREEN
 CONTACT CLIP = BERYLLIUM COPPER
 CONTACT SHELL = BRASS
 JACKSCREW, CIRCLIP = STAINLESS STEEL
FINISH (ALL OVER NICKEL):
 0.10/0.17µm GOLD CLIP, 0.25/0.30µm GOLD SHELL
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 (∅1.0mm GAUGE) = 9.0N MAX
 WITHDRAWAL FORCE (∅1.0mm GAUGE) = 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
 ALL TOLERANCES ±0.05

PART SECTION Y-Y



RA	1	20.02.20	21637
NAME	ISS.	DATE	C/NOTE
APPROVED: ROBERT ALEXANDER			
CHECKED: ROBERT PORTLOCK			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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: mm²

TITLE: 1mm POWER CONNECTOR
 DIL VERTICAL PC TAIL
 FEMALE ASSEMBLY

DRAWING NUMBER:
M300-FV31045F2
 SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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