

Customer Information Sheet

DRAWING No.: M80-5T10805M2-04-PMI-00-000

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
SIGNAL CONTACT: PHOSPHOR BRONZE
POWER CONTACT: COPPER ALLOY
JACKSCREW AND NUT: STAINLESS STEEL

FINISH:
SIGNAL CONTACT = 0.75µm GOLD
POWER CONTACT = 0.75µm MIN GOLD

ELECTRICAL:
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
INSULATION RESISTANCE = 100MΩ MIN

SIGNAL CONTACT:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25mΩ MAX

POWER CONTACT:
CONTACT RESISTANCE 6mΩ MAX
CURRENT RATING = 40A MAX

MECHANICAL:
DURABILITY = 500 OPERATIONS

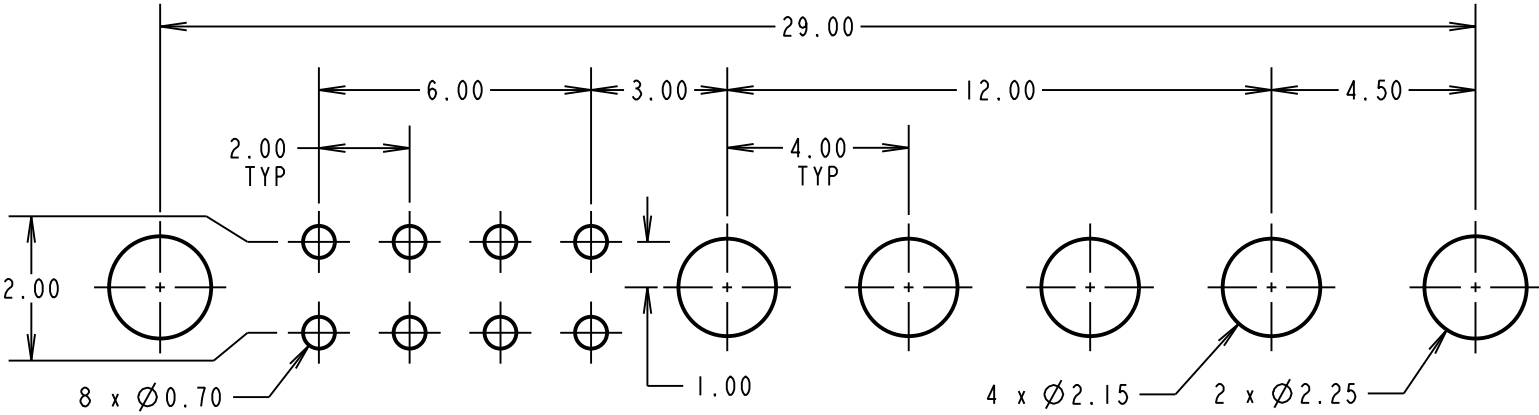
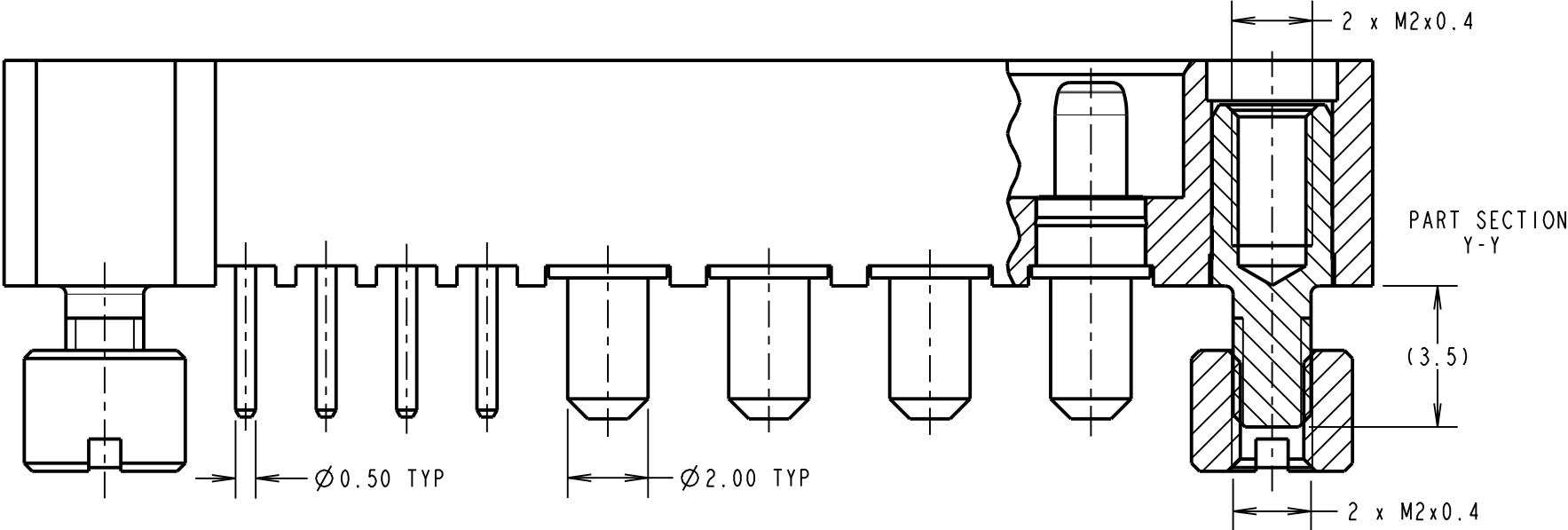
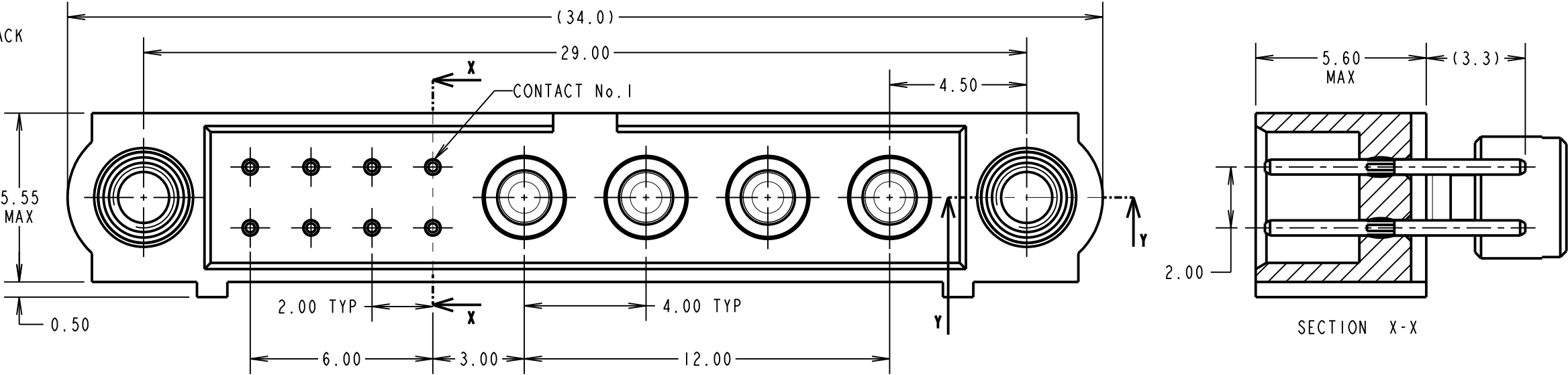
SIGNAL CONTACT:
INSERTION FORCE = 2.0N MAX
WITHDRAWAL FORCE = 0.2N MIN

POWER CONTACT:
INSERTION FORCE = 15N MAX
WITHDRAWAL FORCE = 0.5N MIN

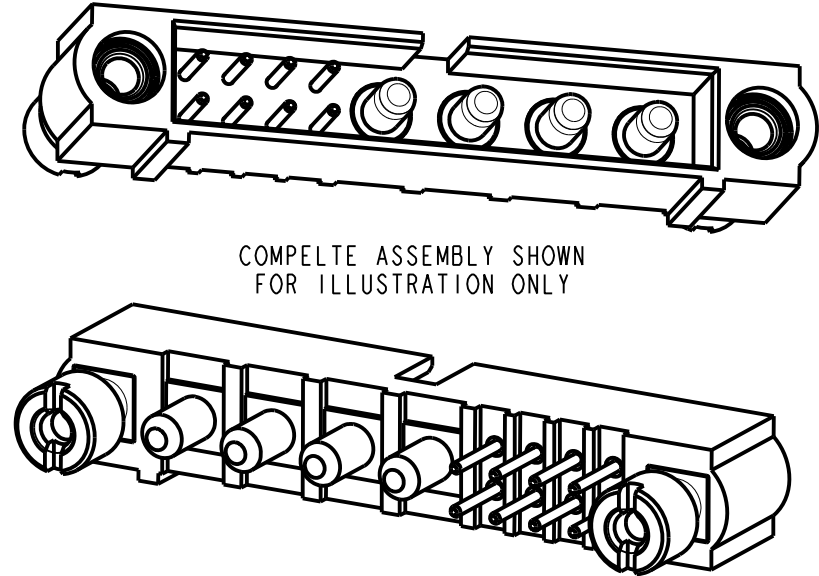
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT - TOLERANCE = ±0.05



MGP	I	18.02.20	----
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: RP			
DRAWN: M.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: DATAMATE MIX-TEK
MALE ASSEMBLY WITH
BOARD MOUNT JACKSCREW

DRAWING NUMBER:
M80-5T10805M2-04-PMI-00-000

SHT
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