

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

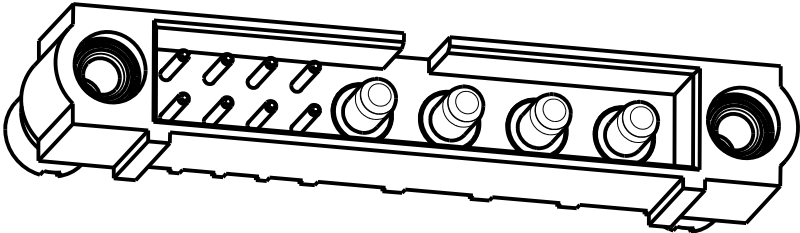
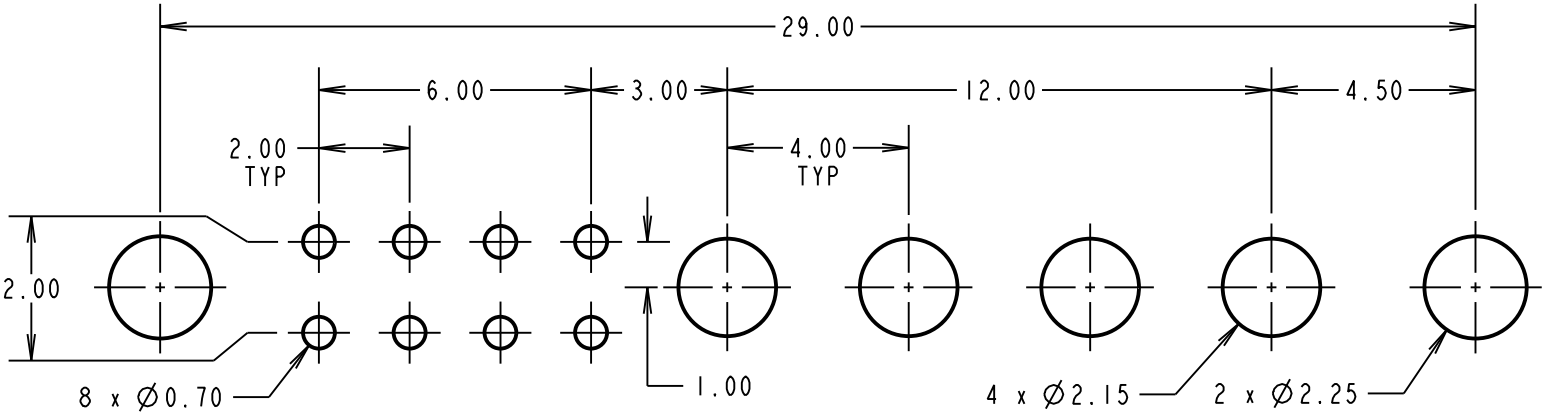
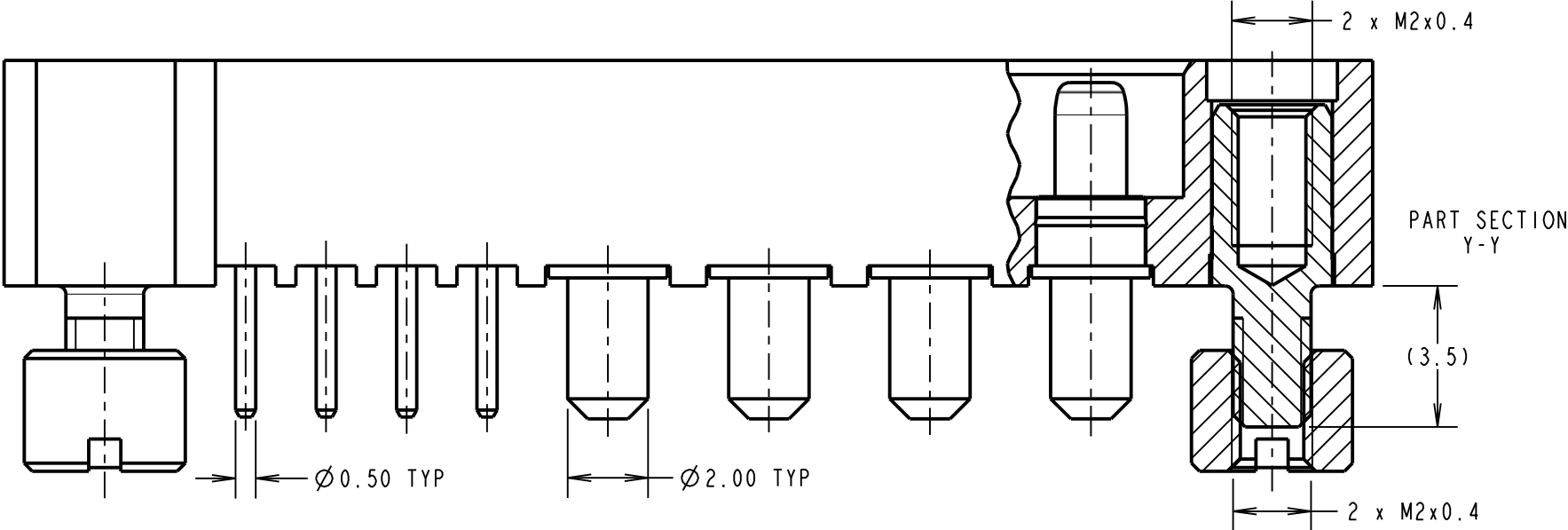
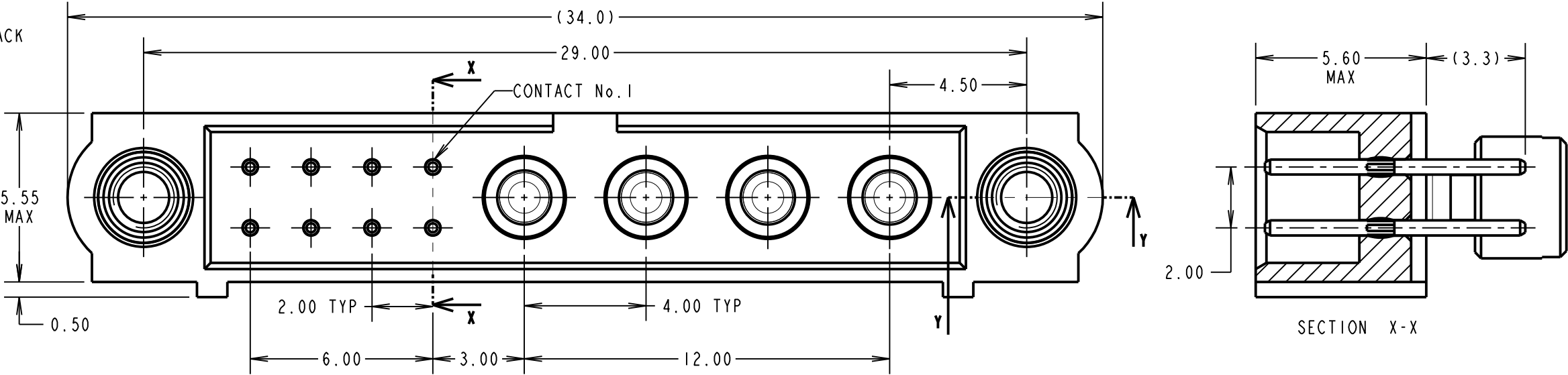
SIGNAL CONTACT:  
INSERTION FORCE = 2.0N MAX  
WITHDRAWAL FORCE = 0.2N MIN

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

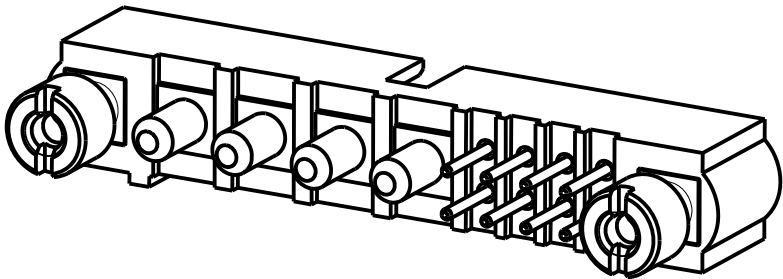
ENVIRONMENTAL:  
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:  
TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



COMPLETE ASSEMBLY SHOWN FOR ILLUSTRATION ONLY



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:	mm <sup>2</sup>

TITLE:	DATAMATE MIX-TEK MALE ASSEMBLY WITH BOARD MOUNT JACKSCREW
DRAWING NUMBER:	M80-5T10805M2-04-PMI-00-000
SHT	2 OF 2

# Mouser Electronics

Authorized Distributor

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