

Customer Information Sheet

DRAWING No.: M80-5T10605MB-02-PMI-02-PMI

IF IN DOUBT - ASK

(C)

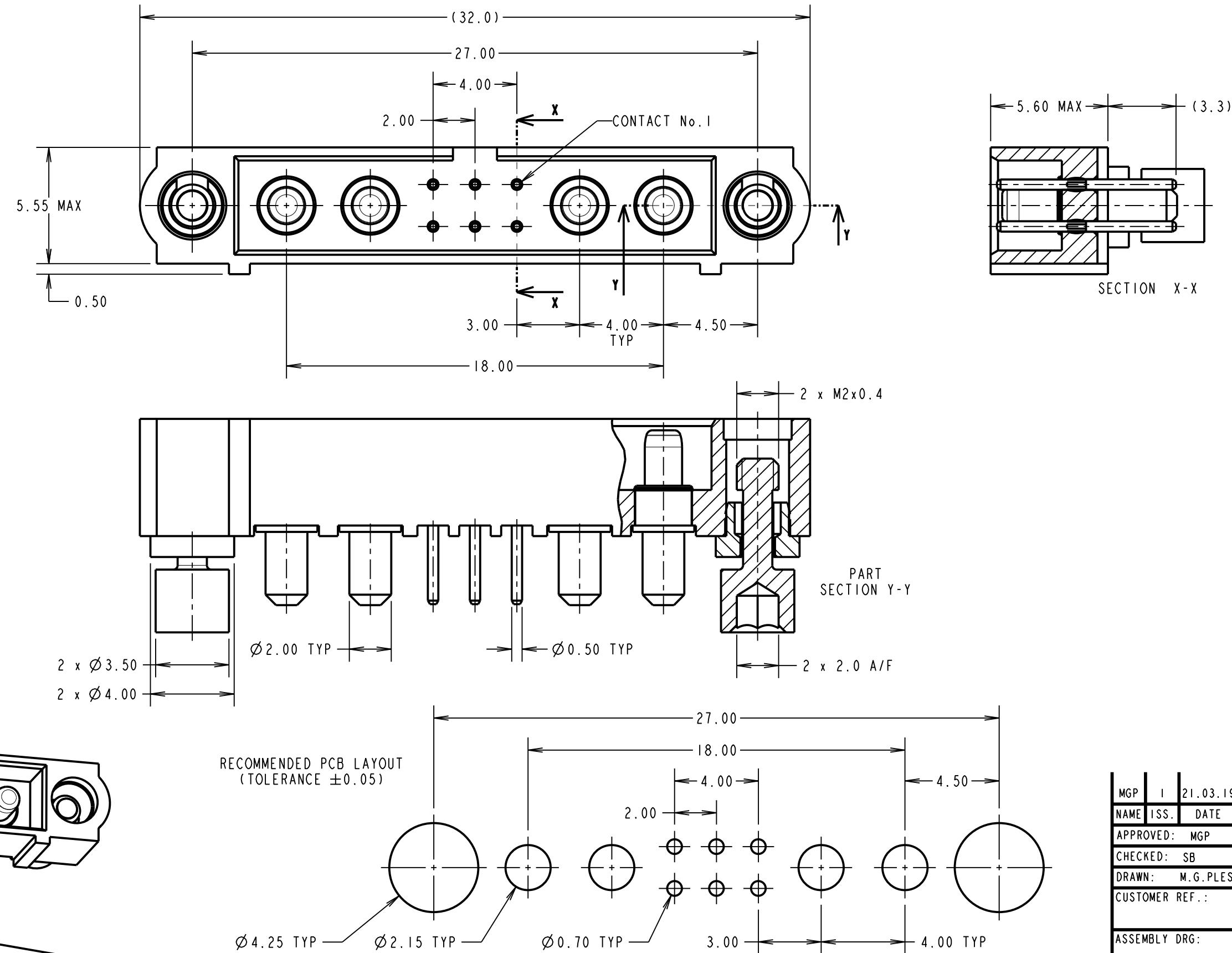
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 MOULDING: GLASS FILLED PPS, UL94V-0, BLACK
 SIGNAL CONTACT: PHOSPHOR BRONZE
 SPECIAL CONTACT: BERYLLIUM COPPER
 FIXING: STAINLESS STEEL
FINISH:
 SIGNAL CONTACT: $0.75\mu\text{m}$ GOLD
 SPECIAL CONTACT: $0.76\mu\text{m}$ GOLD
ELECTRICAL:
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 INSULATION RESISTANCE = $100\text{M}\Omega$ MIN
 SIGNAL CONTACT:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 CONTACT RESISTANCE = $25\text{m}\Omega$ MAX
 SPECIAL CONTACT:
 CURRENT RATING = 40A MAX
 CONTACT RESISTANCE = $6\text{m}\Omega$ MAX
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 SIGNAL CONTACT:
 INSERTION FORCE = 2.0N MAX
 WITHDRAWAL FORCE = 0.2N MIN
 SPECIAL CONTACT:
 INSERTION FORCE = 15N MAX
 WITHDRAWAL FORCE = 0.5N MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO $+125^\circ\text{C}$
PACKING:
 TUBE
 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



MGP	1	21.03.19	21858
NAME	ISS.	DATE	C/NODE
APPROVED:	MGP		
CHECKED:	SB		
DRAWN:	M.G.PLESTED		
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

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[M80-5T10605MB-02-PM1-02-PM1](#)