Customer Information Sheet
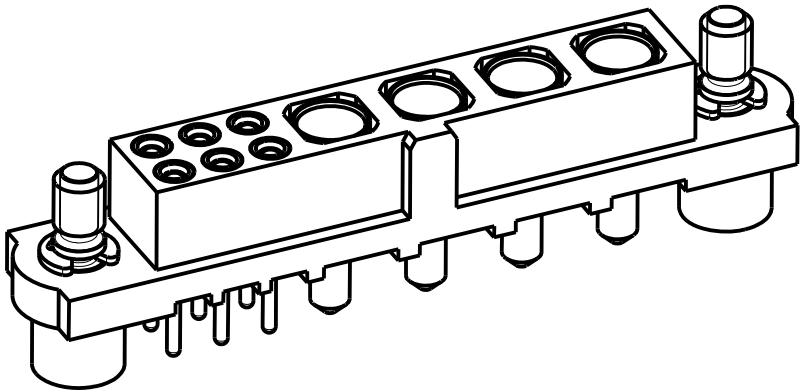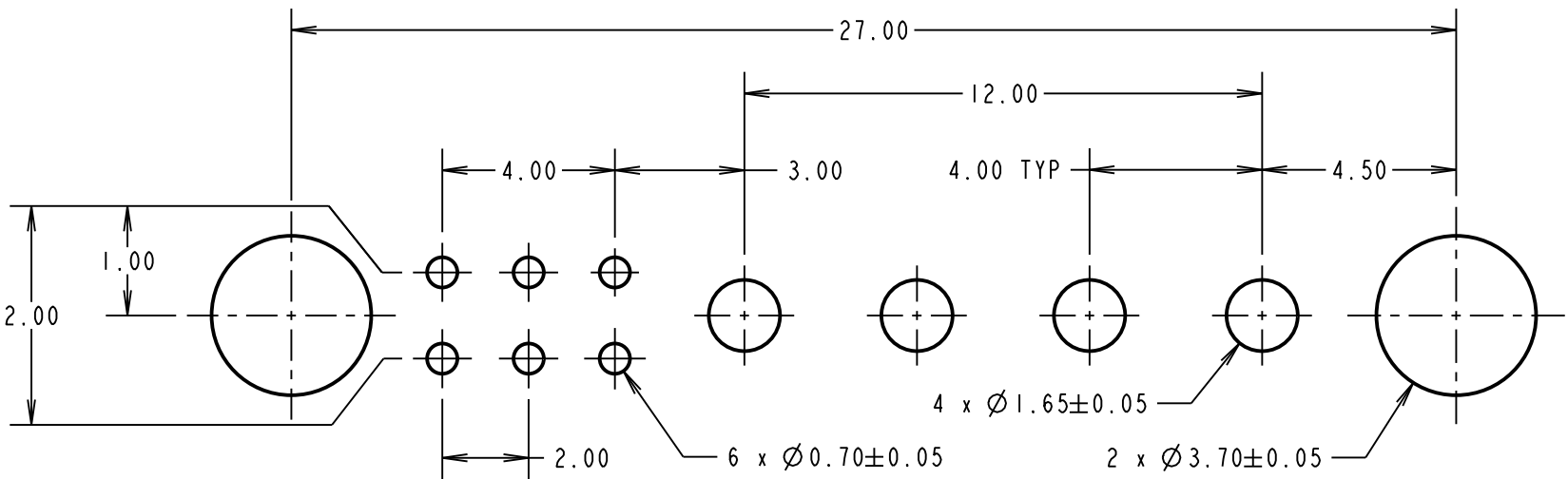
SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS FILLED PPS, UL94V-0, BLACK
 SIGNAL CONTACT:
  CLIP = BERYLLIUM COPPER
  SHELL = COPPER ALLOY
 POWER CONTACT = COPPER ALLOY
 JACKSCREW, CIRCLIP = STAINLESS STEEL
FINISH:
 SIGNAL CONTACT:
  CLIP = 0.3μ GOLD OVER NICKEL
  SHELL = 3.5-5.0μ TIN/LEAD OVER NICKEL
 POWER CONTACT: GOLD OVER NICKEL
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 = 20A MAX
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 SIGNAL CONTACT:
  INSERTION FORCE = 2.0N MAX
  WITHDRAWAL FORCE = 0.2N MIN
 POWER CONTACT:
  INSERTION FORCE = 8N 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)

SECTION X-X

SECTION Y-Y

RECOMMENDED PCB LAYOUT

www.harwin.com
technical@harwin.com

TOLERANCES	MATERIAL:
X. = ±1mm	SEE ABOVE
X.X = ±0.25mm	
X.XX = ±0.10mm	
X.XXX = ±0.01mm	
ANGLES = ±5°	FINISH: SEE ABOVE
UNLESS STATED	S/AREA: mm²
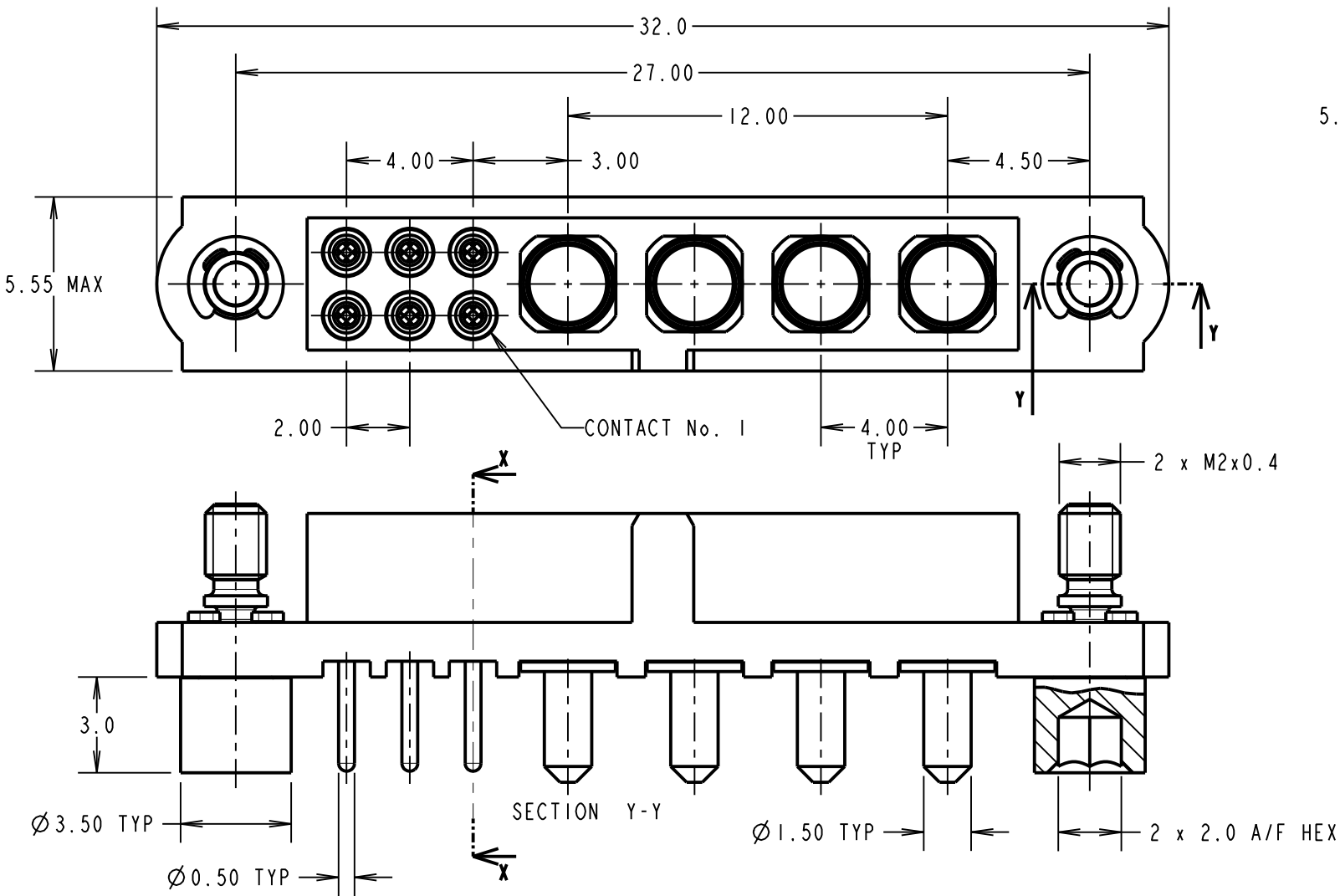
MSP	2	16.06.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	M.PLESTED		
DRAWN:	M.G.PLESTED		
CUSTOMER REF.:			
ASSEMBLY DRG:			

TITLE: JACKSCREW DATAMATE MIXED TECHNOLOGY VERTICAL PC TAIL FEMALE ASSEMBLY

DRAWING NUMBER: M80-4T10601F2-04-321-00-000

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