

Customer Information Sheet

DRAWING No.: M80-5S13442MC-00-000-01-331

SHEET 2 OF 2

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
IOILOK RETAINER: STAINLESS STEEL

FINISH:
SIGNAL CONTACT:
0.75 μ GOLD ON CONTACT AREA,
3 μ 100% TIN OVER NICKEL ON TAILS
POWER CONTACT: GOLD OVER NICKEL

ELECTRICAL:
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
INSULATION RESISTANCE = 100M Ω 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 = $6\text{m}\Omega$ MAX
CURRENT RATING = 20A MAX

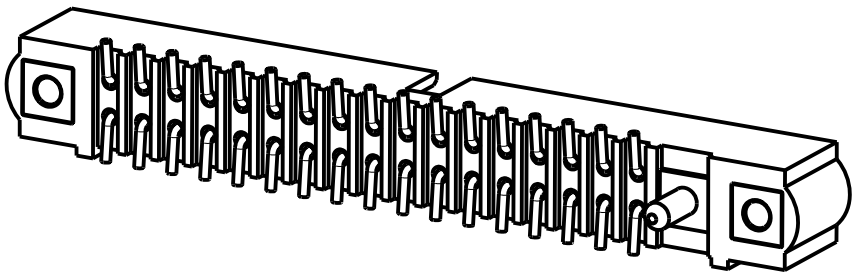
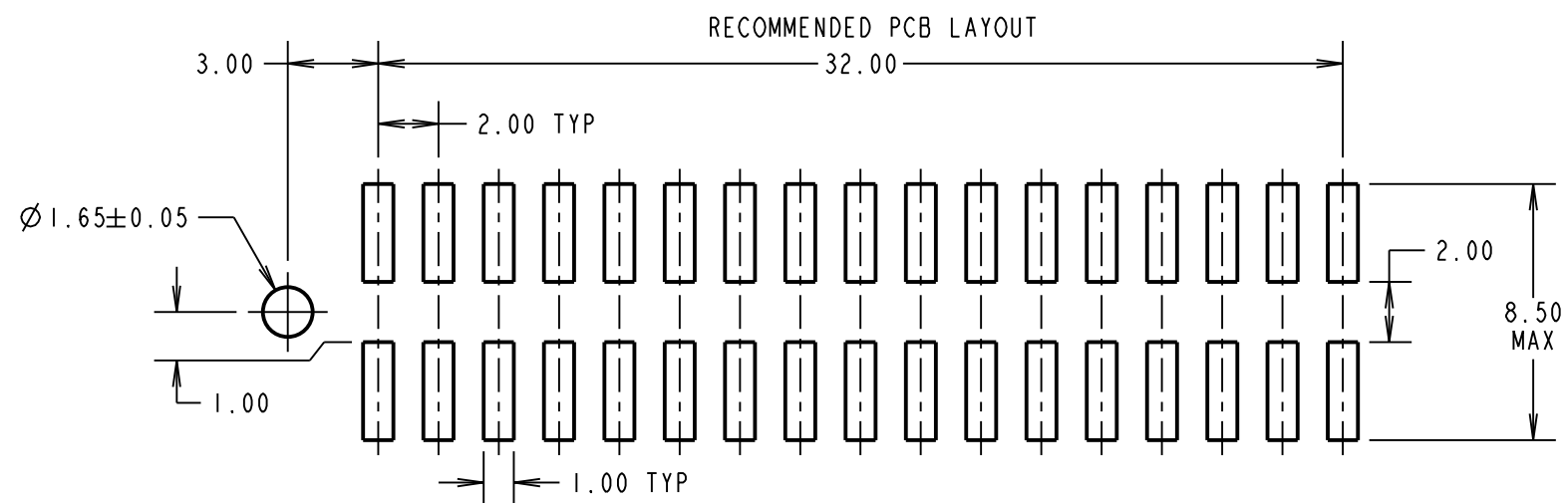
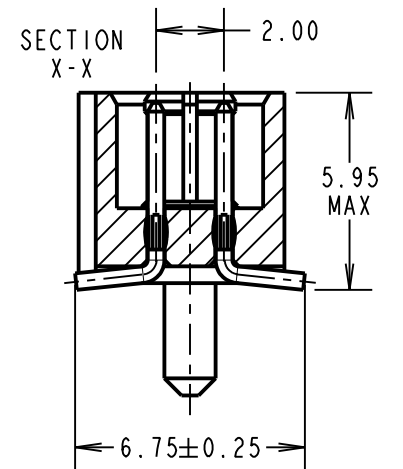
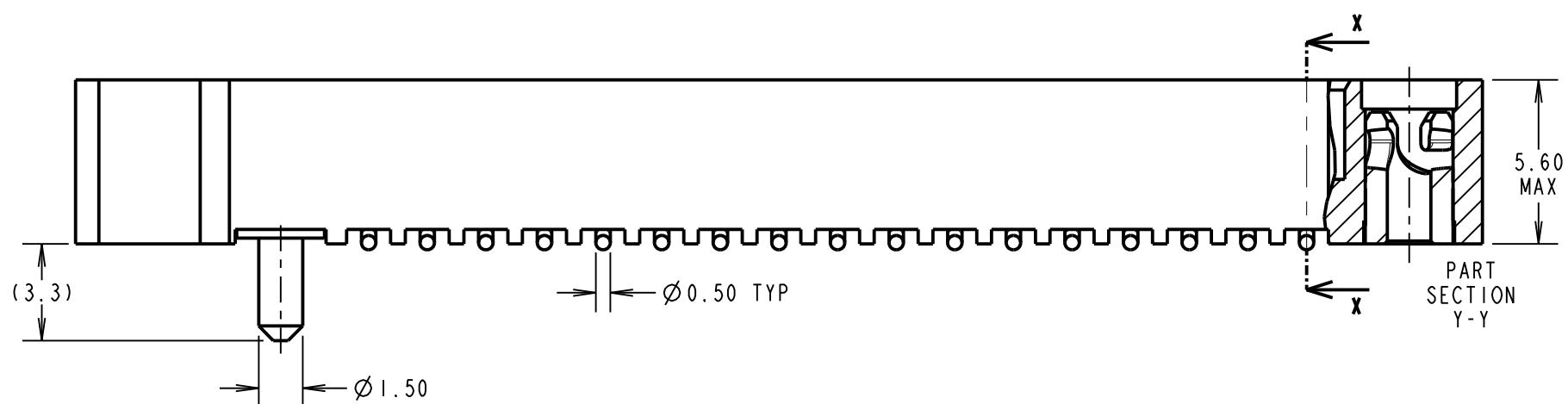
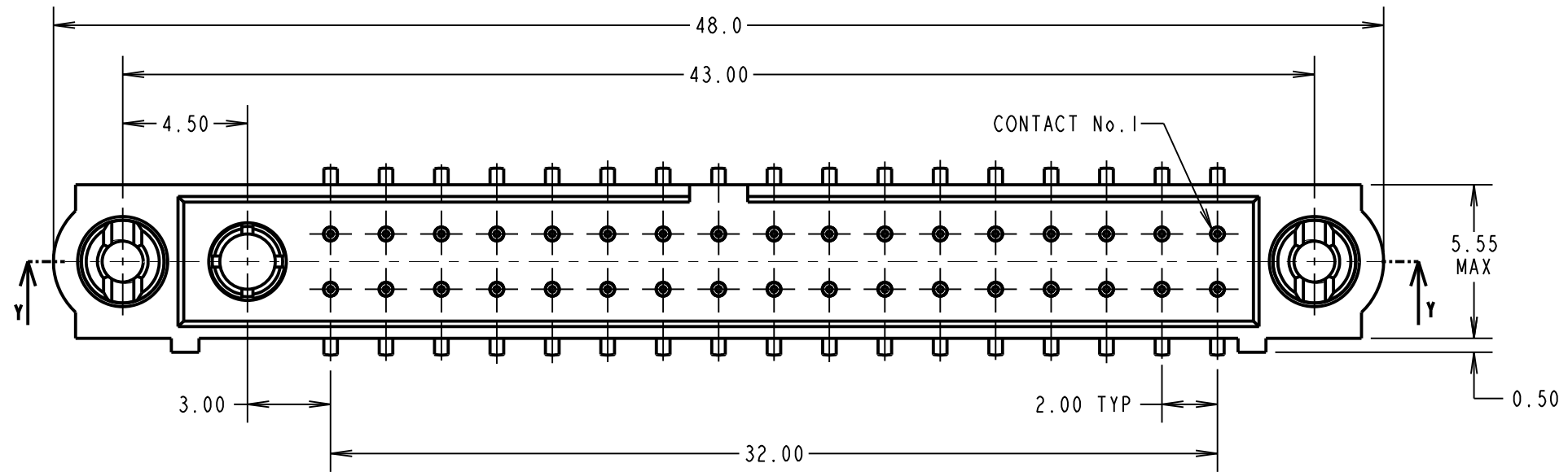
MECHANICAL:
DURABILITY = 500 OPERATIONS

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)



LS	4	25.10.17	13269
NAME	ISS.	DATE	C/NOTE
APPROVED: LS			
CHECKED: SB			
DRAWN: R. ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:	SEE ABOVE
FINISH:	SEE ABOVE
S/AREA:	

TITLE: JACKSCREW DATAMATE
MIXED TECHNOLOGY
MALE ASSEMBLY

DRAWING NUMBER:	SHT
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