

Customer Information Sheet

DRAWING No.: M80-740XXXX

SHEET 2 OF 2

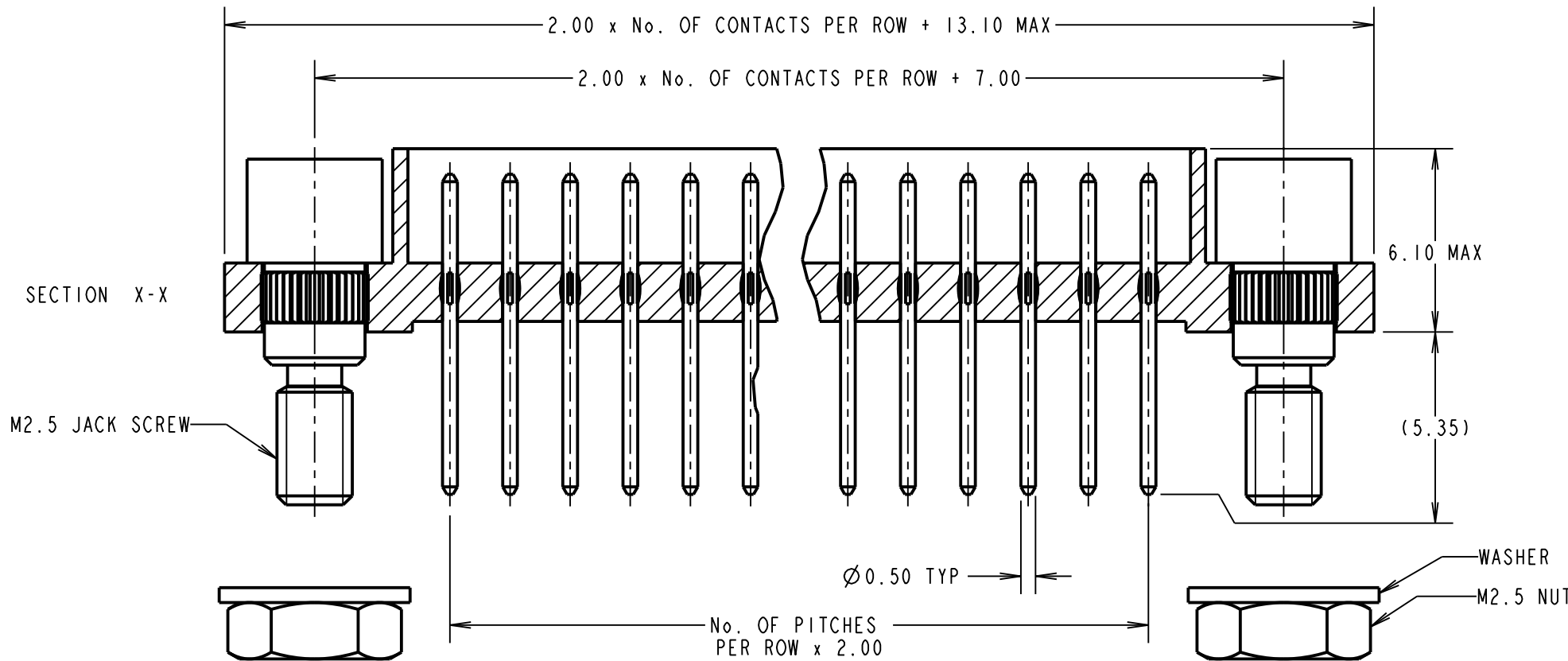
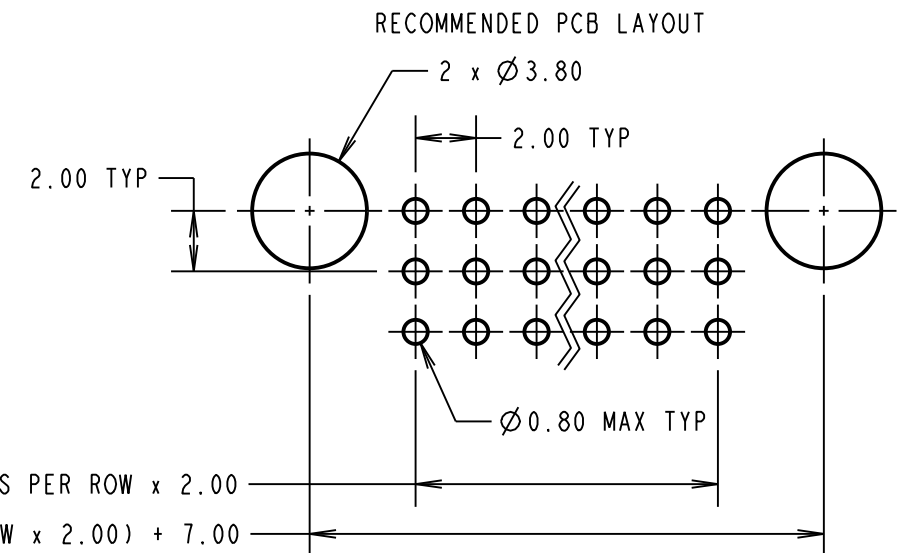
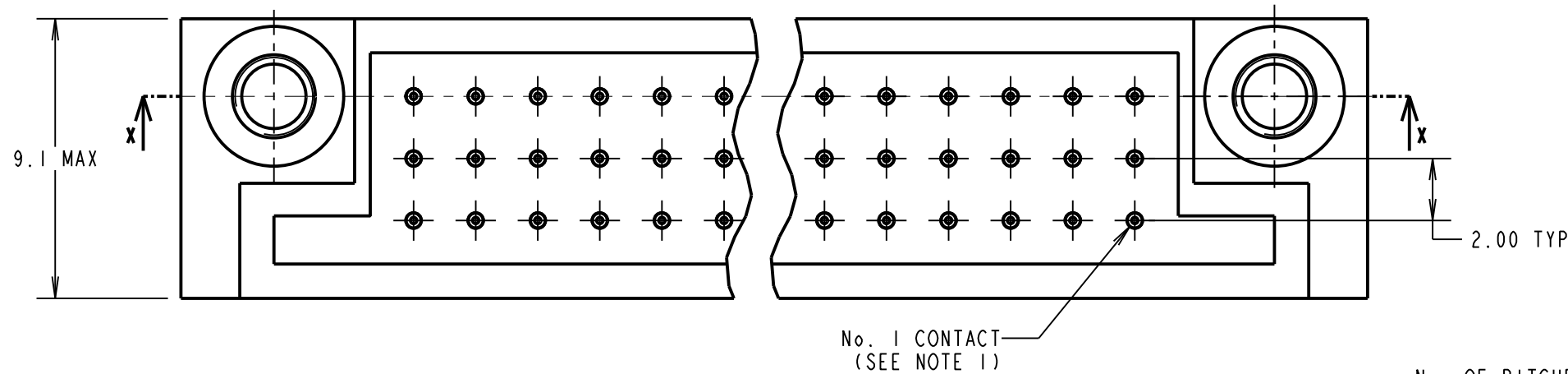
IF IN DOUBT - ASK

©

NOT TO SCALE

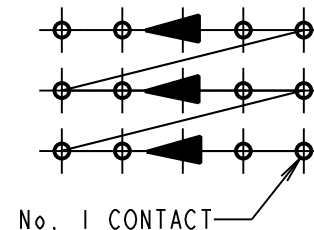
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:
MATERIAL:
 MOULDING = POLYAMIDE 46 UL94V-0, BLACK
 CONTACT = PHOSPHOR BRONZE
 JACKSCREWS = STAINLESS STEEL
FINISH:
 05 = 0.25-0.3µ GOLD
 22 = 0.75µ GOLD ON CONTACT AREA, 3.0µ 90/10 TIN/LEAD ON TAILS
ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE (INITIAL) = 20mΩ MAX
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX
 INSULATION RESISTANCE (INITIAL) = 1,000MΩ MIN
 INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ MIN
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 MAXIMUM INSERTION FORCE = No. OF CONTACTS x 2.8N
 MAXIMUM WITHDRAWAL FORCE = No. OF CONTACTS x 1.8N
 MINIMUM WITHDRAWAL FORCE = No. OF CONTACTS x 0.2N
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
 TRAYS
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE)

NOTES:
 1. FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW.



ORDER CODE:
M80-740XXXX
 TOTAL No. OF CONTACTS:
 27, 36, 45, 51, 63
 FINISH:
 05 = GOLD
 22 = SELECTIVE GOLD

SM	7	13.07.11	11343
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: A. LIOTTA			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN			THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.	TOLERANCES X. = ±1mm X.X = ±0.25mm X.XX = ±0.10mm X.XXX = ±0.01mm ANGLES = ±5° UNLESS STATED	MATERIAL: SEE ABOVE FINISH: SEE TABLE S/AREA: mm ²	TITLE: JACKSCREW DATAMATE 3-ROW MALE VERTICAL PC TAIL ASSEMBLY DRAWING NUMBER: M80-740XXXX	SHT 2 OF 2
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