

Customer Information Sheet

DRAWING No.: M80-710XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

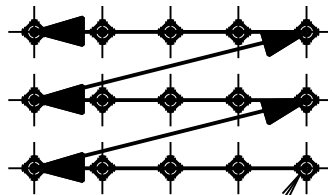
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

- FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW (LOOKING ON MATING FACE).
- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO17XX (LATEST ISSUE).



CONTACT No. 1

SPECIFICATION

MATERIALS:

MOULDING = POLYAMIDE 46 UL94V-0
 CONTACTS = BRASS
 JACKSCREWS, WASHERS & NUTS = STAINLESS STEEL

FINISH:

POWER CONTACTS:
 05 = 0.25 - 0.3µ 100% GOLD
 22 = 0.75µ GOLD, TIN/LEAD SOLDER OVER TAILS
 42 = 0.75µ GOLD, 100% TIN SOLDER OVER TAILS

PIN CONTACTS:
 05 = 0.25 - 0.3µ 100% GOLD
 22 = 0.75µ GOLD, 3.0µ 90/10 TIN/LEAD OVER TAILS
 42 = 0.75µ GOLD, 3.0µ 100% TIN 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
 AFTER CONDITIONING = 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN
 AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:

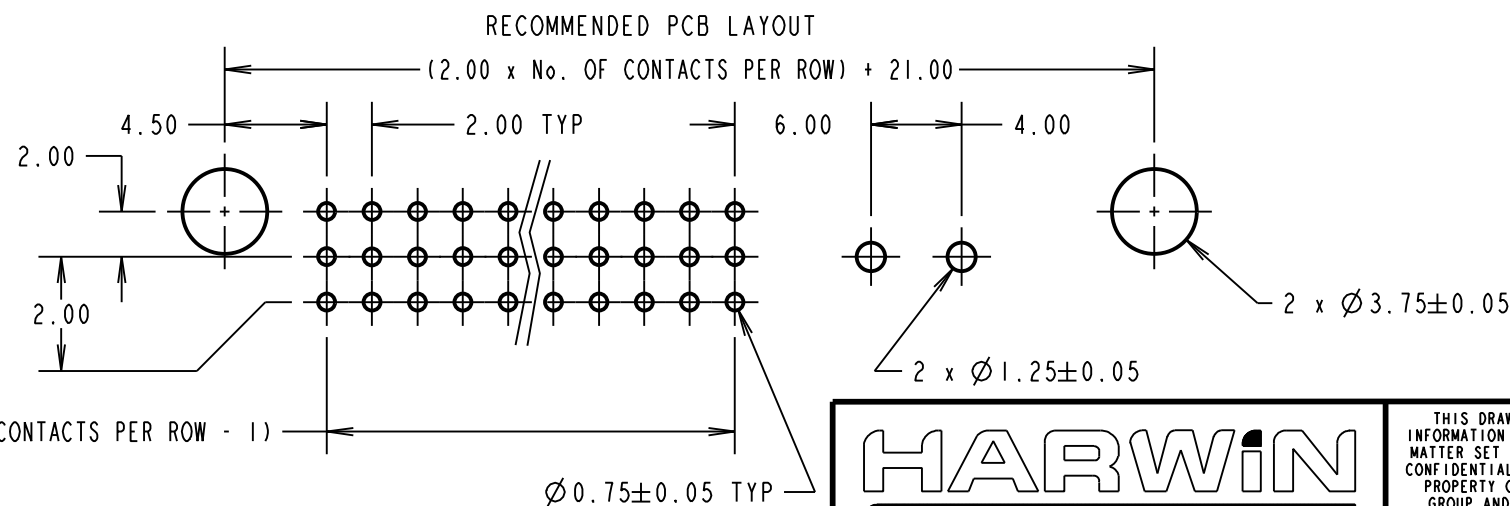
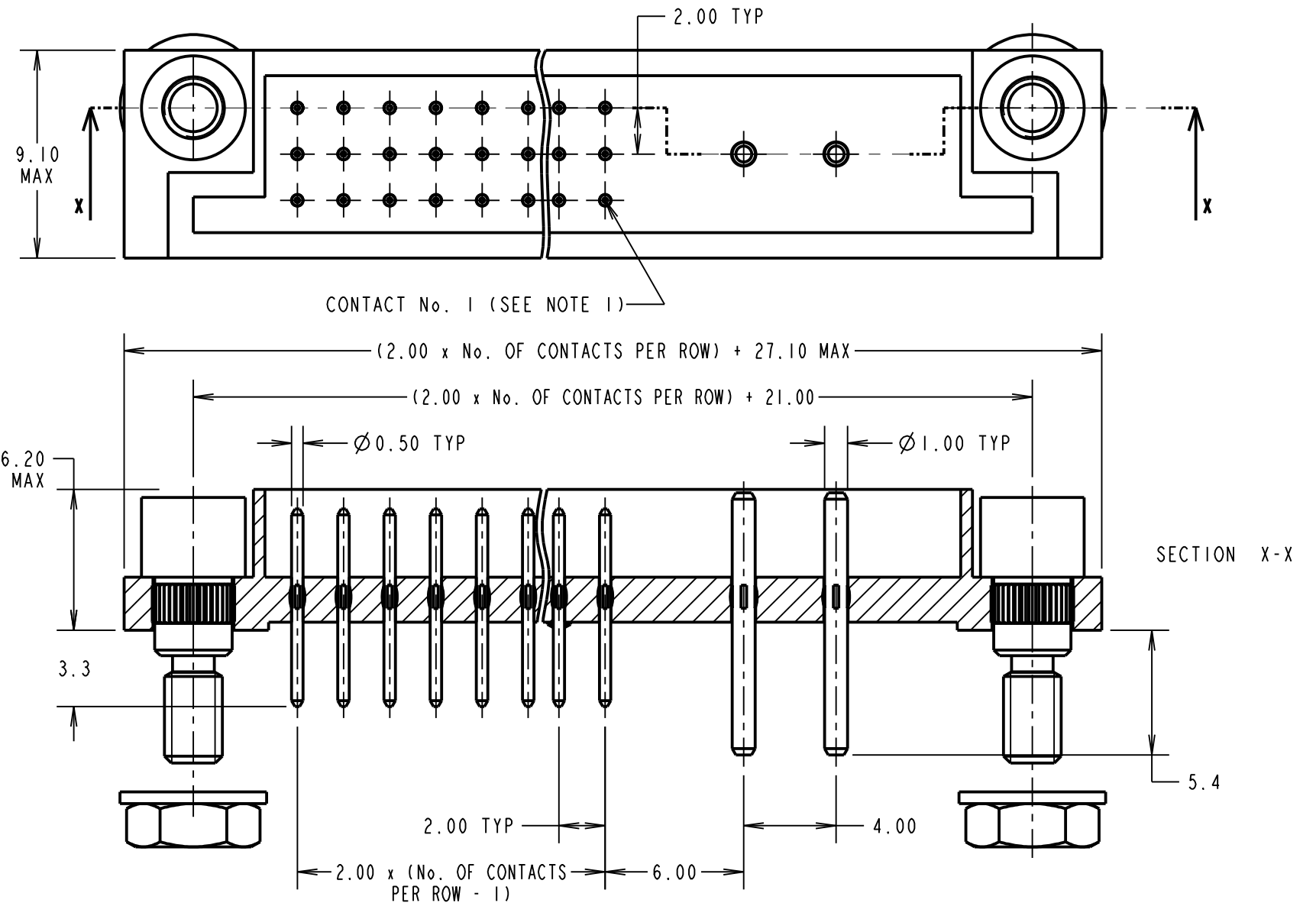
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TRAYS



ORDER CODE: **M80-710XXXX**

TOTAL No. OF CONTACTS (EXCLUDING POWER CONTACTS)
 06, 15, 24, 30, 42

FINISH:
 05 - GOLD
 22 - SELECTIVE GOLD + TIN/LEAD
 42 - SELECTIVE GOLD + 100% TIN

MSP	10	21.04.15	12811
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: D. BECK			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL:
 SEE ABOVE

FINISH:
 SEE ABOVE

S/AREA:
 mm²

TITLE: 3-ROW 2mm PITCH CONNECTOR, MALE STRAIGHT PC TAILS + POWER CONTACTS

DRAWING NUMBER: M80-710XXXX

SHT 2 OF 2

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