Customer Information Sheet

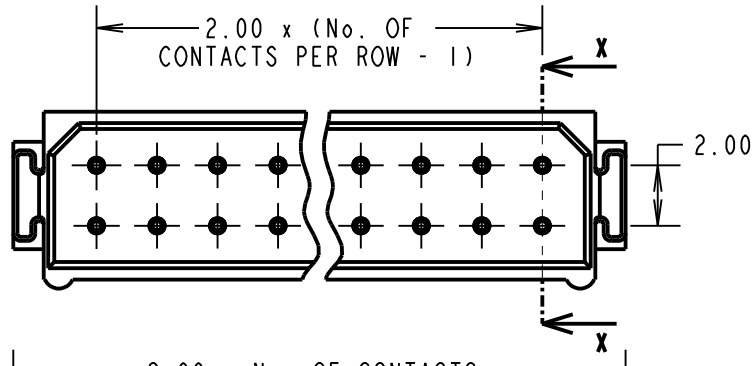
DRAWING No.: M80-754XXXX	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

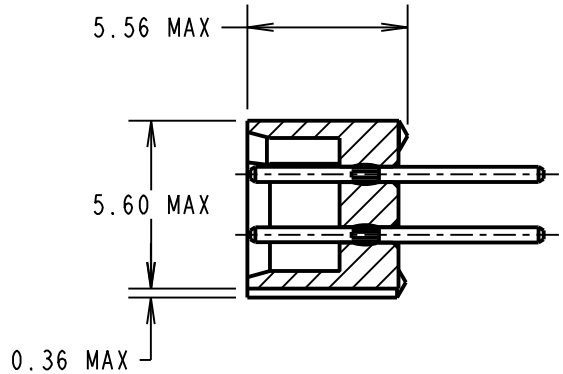
ORDER CODE:

M80-754XXXX

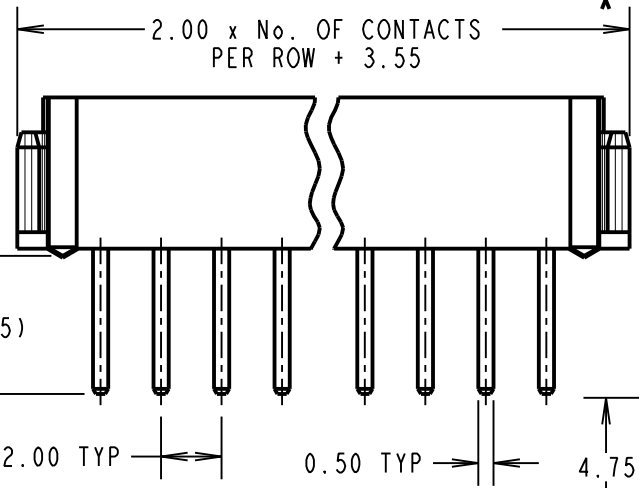
TOTAL No. OF WAYS
04, 06, 08, 10, 12, 14, 16, 18, 20, 26, 34, 44

FINISH:
- 22 - GOLD ON CONTACT AREA TIN/LEAD ON TAILS
- 42 - GOLD ON CONTACT AREA 100% TIN ON TAILS
- 45 - GOLD

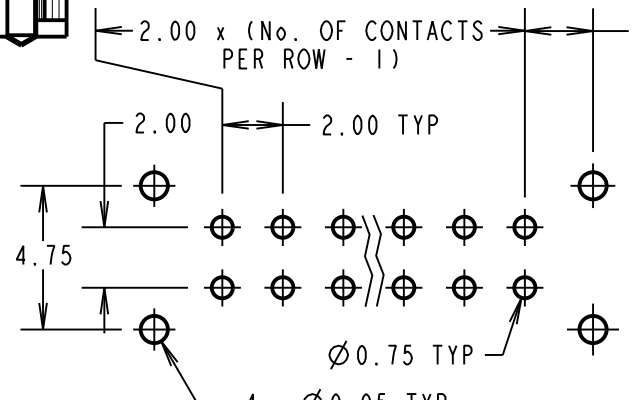




SECTION X-X



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05mm



SPECIFICATONS:
- MATERIAL:
  - MOULDING = GLASS-FILLED PPS UL94V-0, BLACK
  - CONTACTS = PHOSPHOR BRONZE
- FINISH:
  - CONTACTS:
    - 22 = 0.75µm GOLD ON CONTACT AREA, 3.0µm 90/10 TIN/LEAD ON TAILS
    - 42 = 0.75µm GOLD ON CONTACT AREA, 3.0µm 100% OVER NICKEL TIN ON TAILS
    - 45 = 0.75µm GOLD
- ELECTRICAL:
  - CURRENT RATING (25°C) = 3.0A MAX.
  - CURRENT RATING (85°C) = 2.2A MAX.
  - WORKING VOLTAGE = 800V AC/DC
  - VOLTAGE PROOF = 1200V AC/DC
  - CONTACT RESISTANCE:
    - INITIAL = 20 mΩ MAX.
    - AFTER CONDITIONING = 25 mΩ MAX.
  - INSULATION RESISTANCE:
    - INITIAL = 1000 MΩ MIN.

AFTER CONDITIONING = 100 MΩ MIN.
- MECHANICAL:
  - DURABILITY = 500 OPERATIONS
- ENVIRONMENTAL:
  - TEMPERATURE RANGE = -55°C TO +125°C
- PACKING:
  - TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICIATION C005XX (LATEST ISSUE)

NOTES:
1. 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR

MGP	4	20.01.21	22137
NAME	ISS.	DATE	CN/CO

APPROVED:	MGP
CHECKED:	RTP
DRAWN:	JM BROOKES
CUSTOMER REF.:	
ASSEMBLY DRG:	

HARWIN

www.harwin.com
technical@harwin.com

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE DIL VERTICAL MALE PC TAIL ASSEMBLY - UNLATCHED

DRAWING NUMBER: M80-754XXXX

SHT 2 OF 2