

Customer Information Sheet

DRAWING No.: G125-F1XXXXX-XXX-L

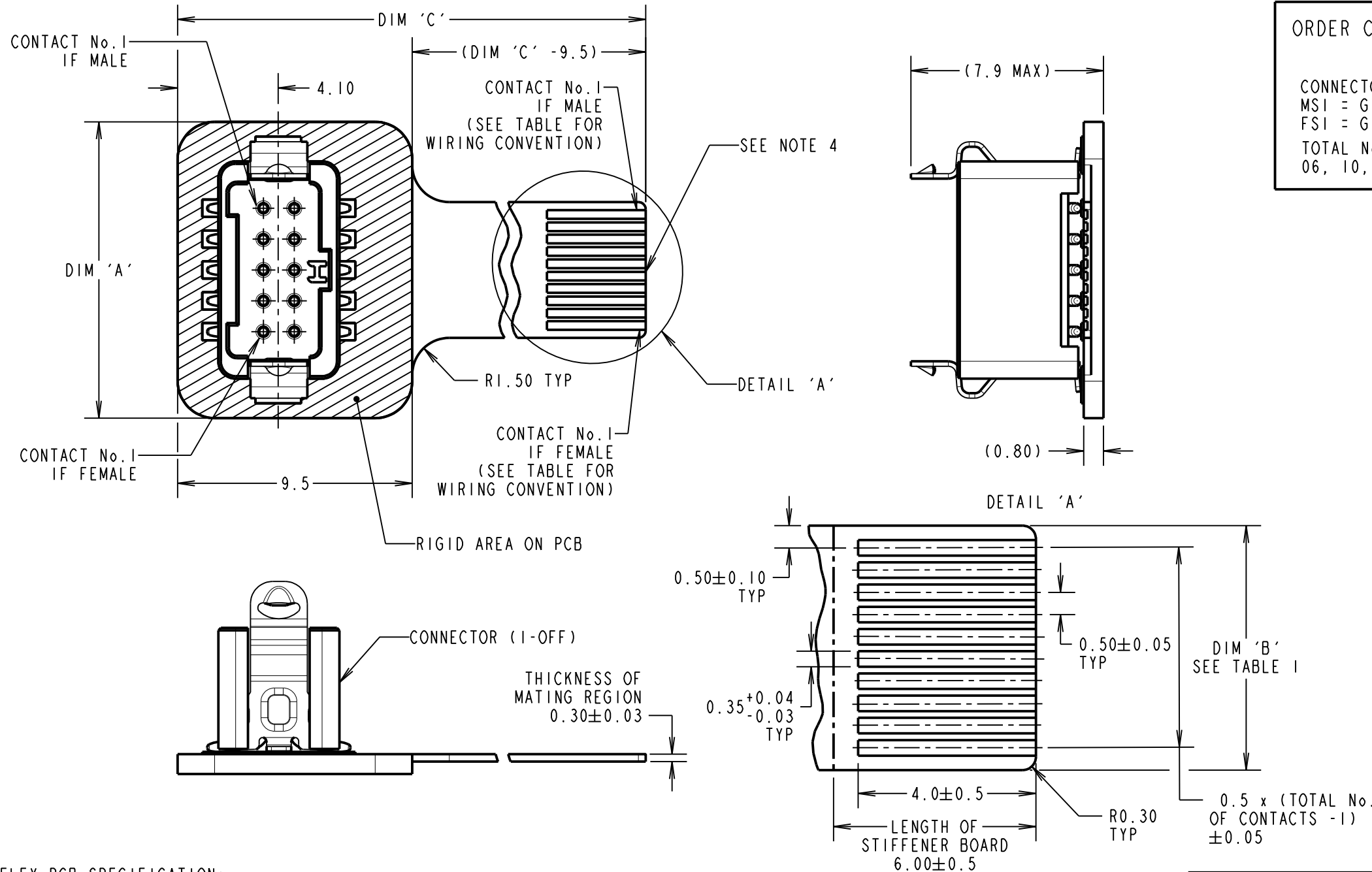
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE: **G125-F1XXXXX-XXX-L**

CONNECTOR I PART No.: _____ DIM 'C' (PCB LENGTH):
 MSI = G125-MS1XX05L3P 999 = 999mm MAX.
 FSI = G125-FS1XX05L0P

TOTAL No. OF CONTACTS:
 06, 10, 12, 16, 20, 26, 34, 50.

TABLE 2

ZIF PIN OUT No.	CONNECTOR PIN OUT No.
1	1
2	6
3	2
4	7
5	3
6	8
7	4
8	9
9	5
10	10

BASED ON G125-MF11005L3-0075L SHOWN.
 CONVENTION CONTINUES AS FOLLOWS:

ALL FIRST ROW CONTACTS:
 CONTACT X TO CONTACT ((TOTAL/2)+X)
 (WHERE X IS CONTACT POSITION)

ALL SECOND ROW CONTACTS:
 CONTACT Y TO CONTACT (Y-(TOTAL/2))
 (WHERE Y IS CONTACT POSITION)

'FIRST ROW' POSITIONS ON CONTACT No.1 ROW
 'SECOND ROW' POSITIONS OPPOSITE CONTACT No.1 ROW

- NOTES:
- FOR COMPLETE CONNECTOR SPECIFICATION, SEE COMPONENT SPECIFICATION C125XX (LATEST ISSUE).
 - CONNECTOR SHOWN IS FOR REFERENCE ONLY. SEE TABLE AND ORDER CODE FOR POSSIBLE CONFIGURATIONS.
 - PCB ASSEMBLIES PACKED INDIVIDUALLY IN ANTI-STATIC BAGS.
 - 0.5mm PITCH CONNECTION DESIGNED FOR USED WITH ZIF/FPC/FFC.

FLEX PCB SPECIFICATION:

- BOARD CONSTRUCTION:
 SINGLE LAYER FLEXIBLE PCB
 50µm BASE POLYIMIDE
 35µm (1oz) COPPER CLAD TO IPC-4204/1
 50µm BONDED COVERLAY TO IPC-4203/1
 0.8mm HTG FR4 TO IPC-4101/126 LOCALLY RIGIDISED IN CONNECTOR AREAS
- SURFACE FINISH:
 ENIG TO IPC-4552 ON EXPOSED COPPER
- IPC CLASSIFICATION:
 BARE CIRCUIT - IPC-A-600/IPC-6013 CLASS 3
 ASSEMBLY - IPC-A-610/J-STD-001 CLASS 3
- MECHANICAL PROPERTIES:
 NOMINAL FLEX THICKNESS = 0.185mm
 MINIMUM STATIC BEND RADIUS (IPC-2223) = 1.85mm
 SUITABLE FOR DYNAMIC OPERATION ON BEND RADII ABOVE 3.70mm
- ELECTRICAL PROPERTIES:
 MAX. CURRENT PER TRACK = 0.4A
 INSULATION RESISTANCE = 10GΩ MIN AT 500V DC
 VOLTAGE PROOF (AT 1013mbar, SEA LEVEL) = 600V DC OR AC PEAK

SEE NOTE 2
 G125-MS11005L3P SHOWN
 FOR REFERENCE ONLY
 (SEE ORDER CODE)



TABLE 1

DIMENSION	CALCULATION
DIM 'A'	(TOTAL No. OF CONTACTS - 2) x 0.625 + 7
DIM 'B'	(TOTAL No. OF CONTACTS + 1) x 0.5 ± 0.07
DIM 'C'	OVERALL PCB LENGTH (SEE ORDER CODE)

EXAMPLE:
 75mm FLEX PCB WITH 10 CONTACT CONNECTOR
 (G125-MS11005L3P)

PART NUMBER = G125-F1MS110-075-L
 DIM 'A' = 12mm DIM 'B' = 6mm DIM 'C' = 75mm

RTP	5	06.05.21	30532
NAME	ISS.	DATE	CN/CO
APPROVED: R.PORTLOCK			
CHECKED: M.RUDKIN			
DRAWN: R.PORTLOCK			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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:
 G125 LATCHED FLEX PCB ASSEMBLY

DRAWING NUMBER:
G125-F1XXXXX-XXX-L

SHT
 2 OF 2

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