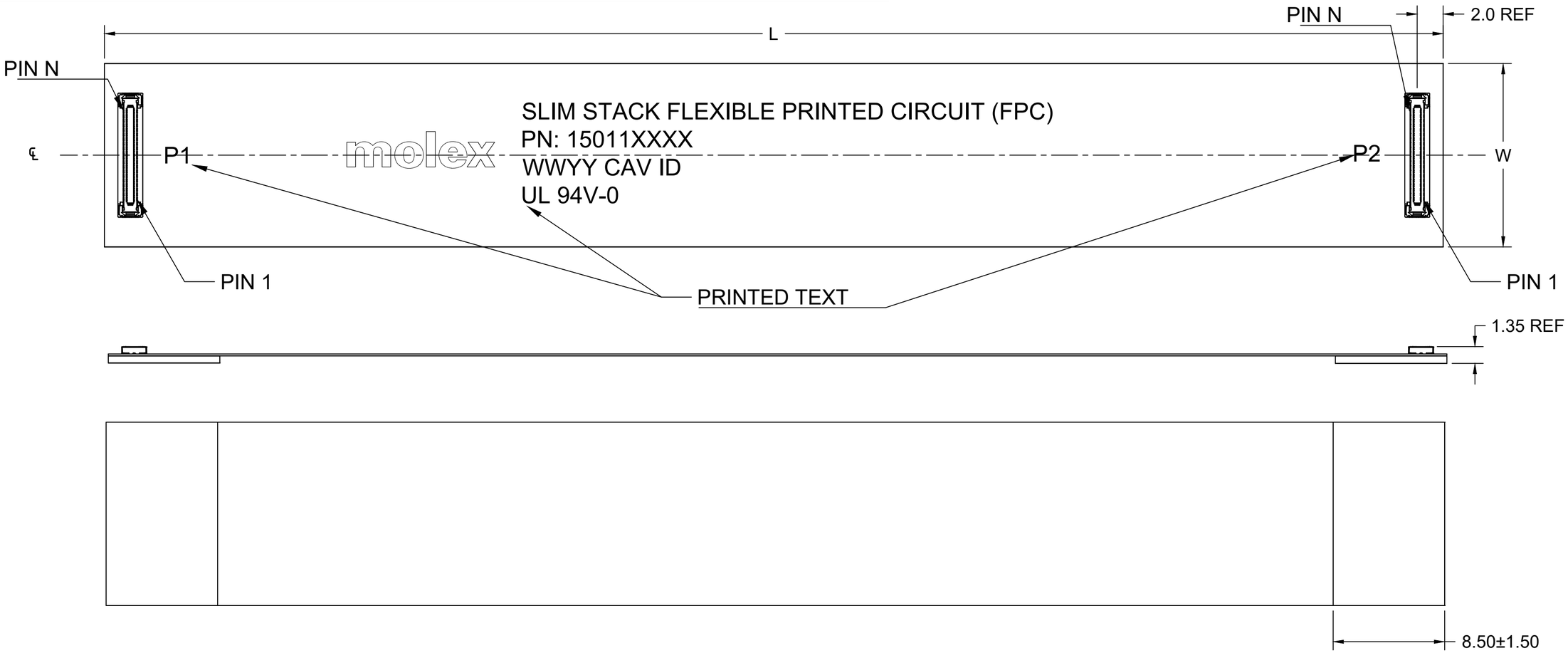
0.35 mm PITCH SLIM-STACK FPC (FLEXIBLE PRINTED CIRCUIT)

"L" DIM. →	105 ± 1	152 ± 1	305 ± 1	"W" DIM ↓
REF DIM →	(4 INCHES)	(6 INCHES)	(12 INCHES)	
CABLE TYPE → / CIRCUITS "N" ↓	A	A	A	
20	150110420	150110620	150111220	11 ± 1
40	150110440	150110640	150111240	14 ± 1
50	150110450	150110650	150111250	16 ± 1



55 um POLYIMIDE + ADHESIVE
29 um Au PLATED COPPER
65 um POLYIMIDE + ADHESIVE
29 um Au PLATED COPPER
55 um POLYIMIDE + ADHESIVE
525 um FR4 + ADHESIVE

STACK-UP

NOTES:

1. COPPER TO BE PLATED USING ENIG
2. DIFFERENTIAL IMPEDANCE SHALL BE 95±10% OHMS
3. SINGLE ENDED IMPEDANCE SHALL BE 50±10% OHMS
4. SOLDERMASK TO BE USED FOR CONNECTORS (PHOTO IMAGE COVERLAY)
5. CONNECTORS USED:
   - 5.1. 20 CKTS: MOLEX 2167000209 (2 PLACES)
   - 5.2. 40 CKTS: MOLEX 2167000409 (2 PLACES)
   - 5.3. 50 CKTS: MOLEX 2167000509 (2 PLACES)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0	±0
3 PLACES	±0	±0
2 PLACES	±0	±0
1 PLACE	±0	±0
0 PLACES	±0	±0
ANGULAR TOL ±	0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: IW

STATUS: Production

DRWN:	DIEGO GOMEZ	2025-04-03
CHK'D:	DIEGO GOMEZ	2025-04-04
APPR:	DAVID FALLA	2025-04-07

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 15011

molex

0.35 MM PITCH CABLE FOR SLIMSTACK CONNECTOR

PRODUCT DESIGN DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
150110001	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

FORMAT: IN-ACAD-tb-prod-C
REVISION: A
DATE: 2023/02/21