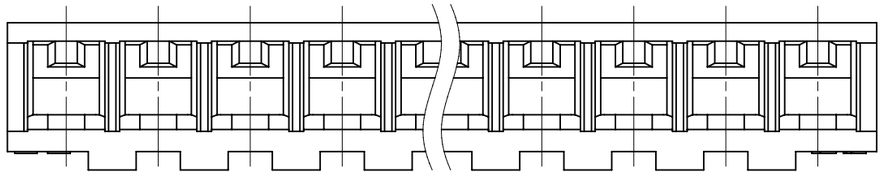
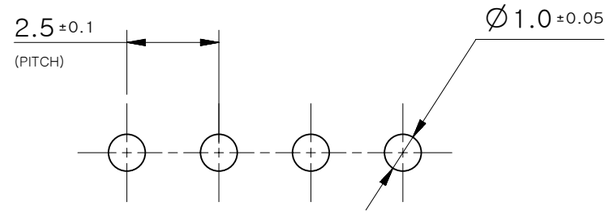
NOTES.

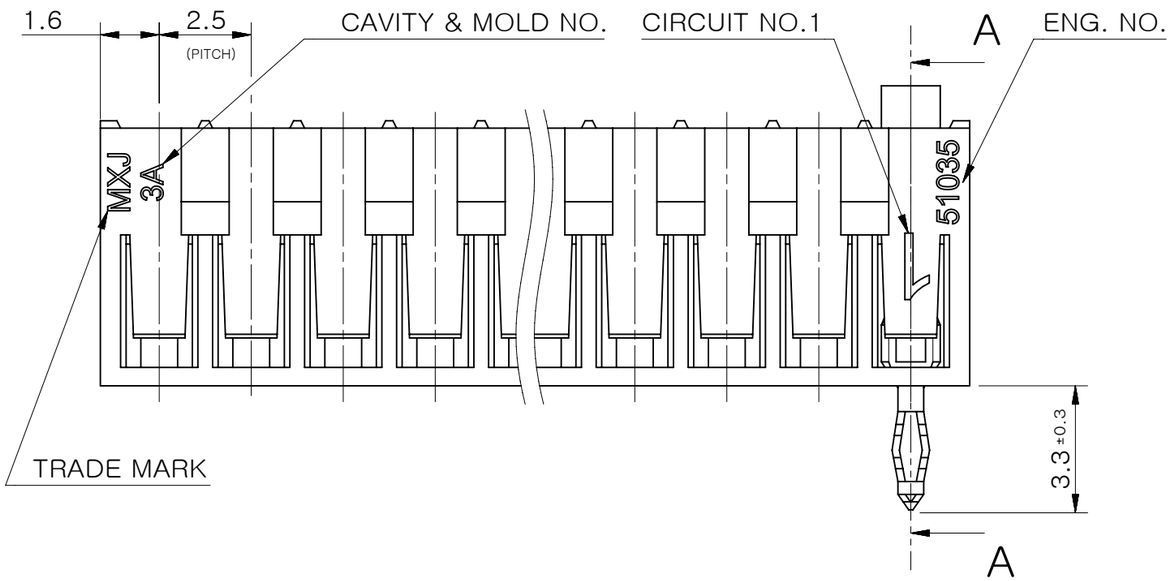
1. APPLICABLE TERMINAL : 500978*00
2. TRADE MARK IS FORMED BY MXJ
   AND BY 1-2 DIGIT NUMBER (TO CAVITY NO.)
   AND BY 1 LETTER OD ALPHABET (TO MOLD NO.)
3. ELV AND RoHS COMPLIANT

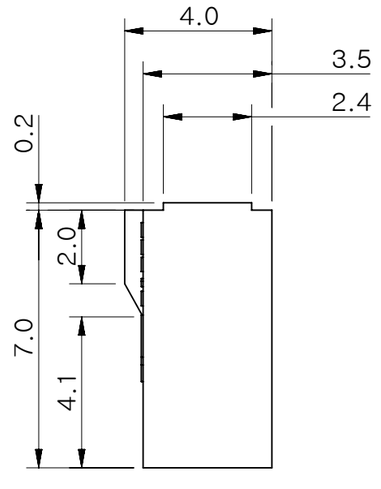


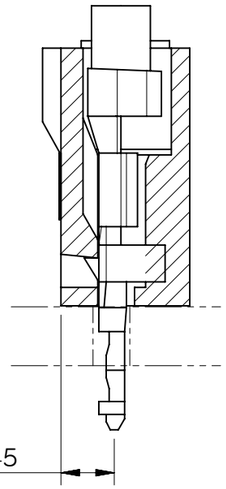
(NON-ACCUMULATIVE)



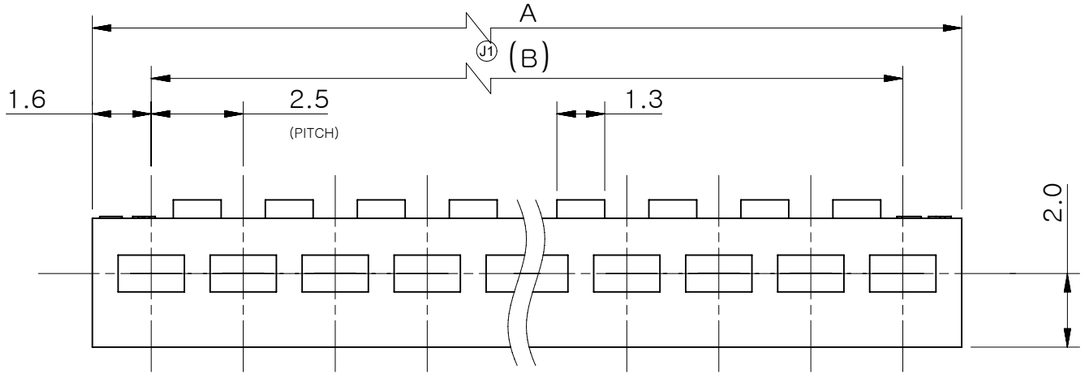
RECOMMENDED PC BOARD HOLE DIMENSION
(THICKNESS : 1.6mm)







SECTION A-A



27.5	30.7	510351200	12
25.0	28.2	510351100	11
22.5	25.7	510351000	10
20.0	23.2	510350900	9
17.5	20.7	510350800	8
15.0	18.2	510350700	7
12.5	15.7	510350600	6
10.0	13.2	510350500	5
7.5	10.7	510350400	4
5.0	8.2	510350300	3
2.5	5.7	510350200	2
B	A	ORDER NO.	CKT.

MATERIAL	POLYAMIDE, UL94V-0
WIRE RANGE	AWG #24 ~ 20 KV 0.2 ~ 0.5 AVS 0.3 ~ 0.5
INS. RANGE	∅1.3 ~ ∅2.1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DEMENSIONS	

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	6:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

CURRENT REV DESC: OBSOLETED PART NUMBER AS PER PCN#509988

EC NO: 704776
DRWN: SUGEEB 2022/03/31
CHK'D: GGA 2022/05/24
APPR: GGA 2022/05/24

INITIAL REVISION:
DRWN: RHORI 2011/05/12
APPR: NUKITA 2011/05/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 51035

molex

2.5 BOARD IN CONN.
HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-51035-001	PSD	001	J2

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/24 10:34:53

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01