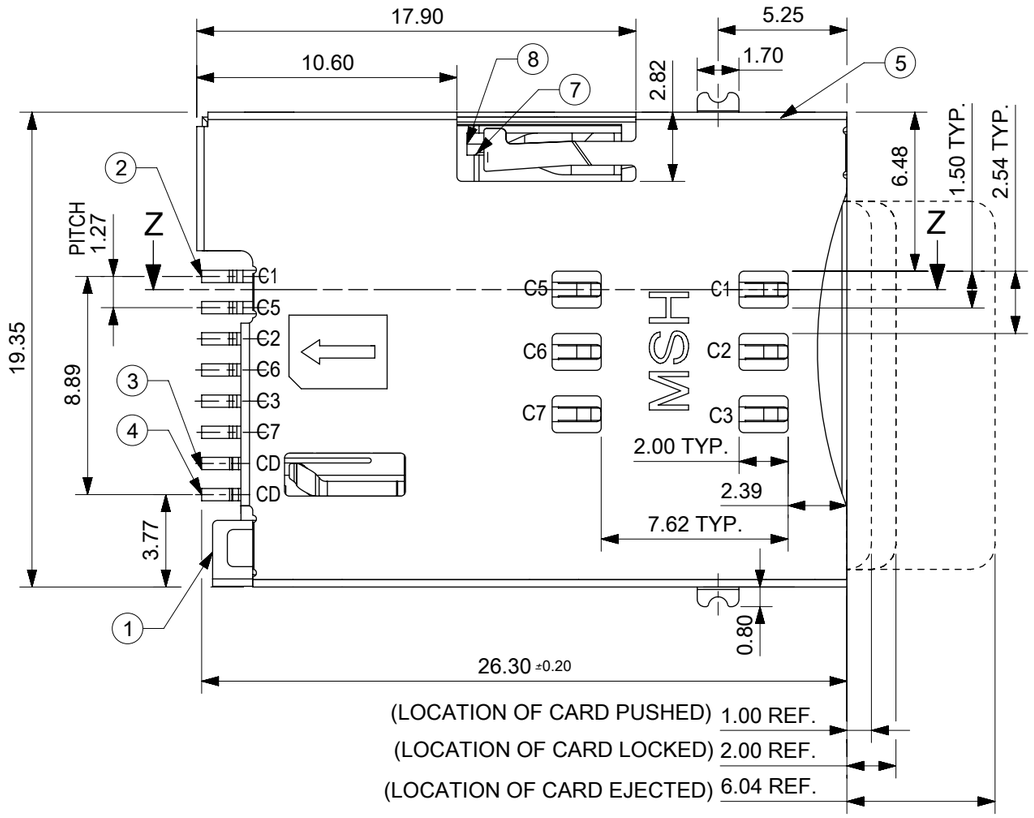
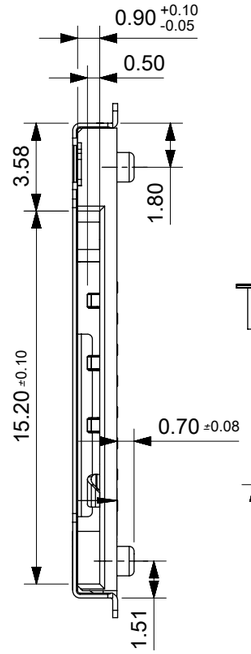
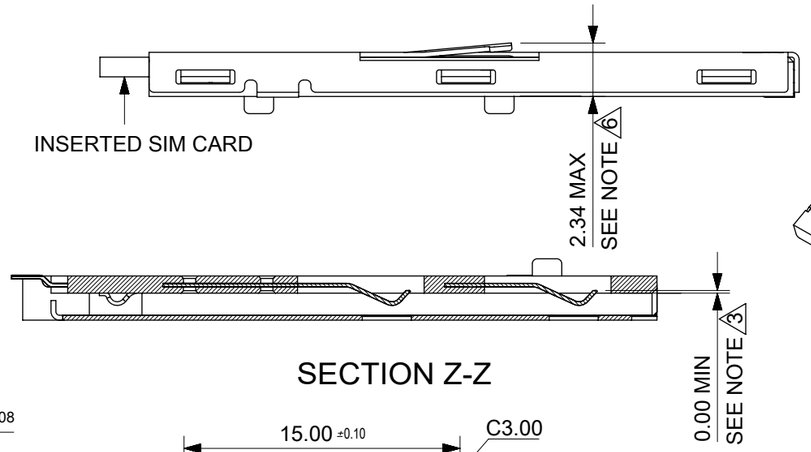
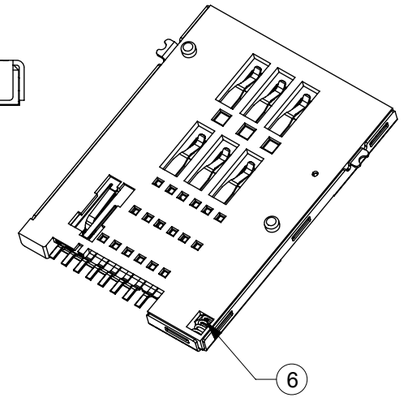
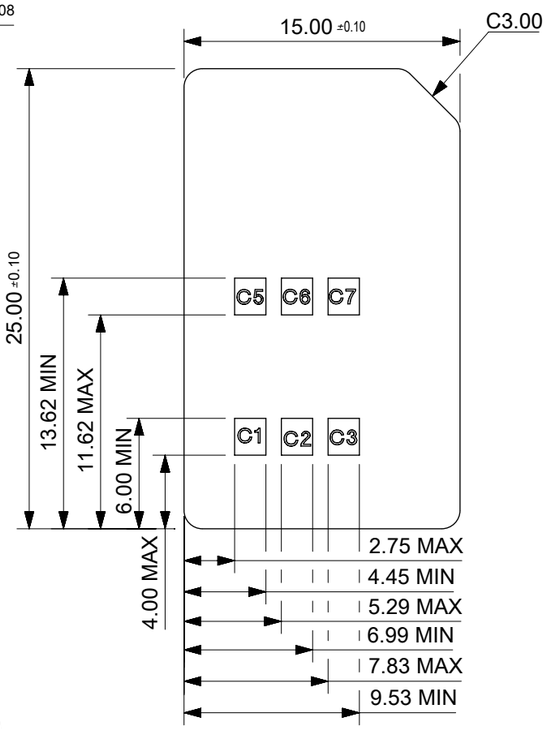






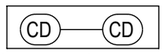
SECTION Z-Z



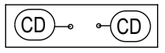


APPLICABLE CARD SIZE
THICKNESS:0.76+/-0.08

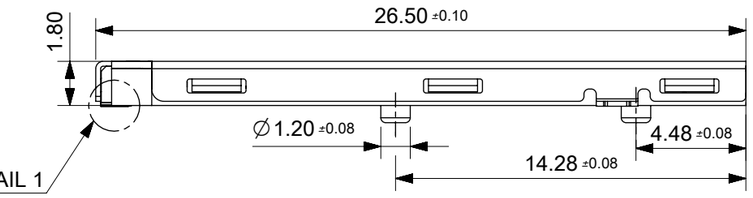
NOTES:
1. FINISH
   1-1 TERMINAL:
      50~200μ"NICKEL UNDER PLATED
      30μ" MIN. GOLD PLATING ON CONTACT AREA
      3μ" MIN. GOLD FLASH ON SOLDERING AREA
   1-2 SHELL:
      50~200μ" NICKEL UNDER PLATED
      3μ" MIN. GOLD FLASH ON SOLDERING AREA
   1-3 DETECT PIN:
      50~200μ"NICKEL UNDER PLATED
      3μ" MIN. GOLD PLATING ON CONTACT AREA
      3μ" MIN. GOLD FLASH ON SOLDERING AREA
   1-4 HOUSING:G/F 45%,UL94V-0,BLACK.
   1-5 HEART CAM:G/F 30%,UL94V-0,BLACK.
2. SOLDER TAIL COPLANARITY:0.08mm Max.
3. TERMINAL TIP MUST SINK INTO HOUSING
4. PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.
5. DETECT SWITCH :INSERT CARD=ON(NORMAL=OPEN)
6. SPRING RISE UP DURING PUSH-PUSH PERIOD.

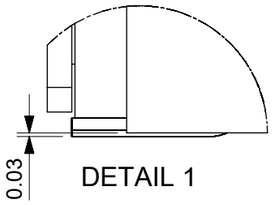


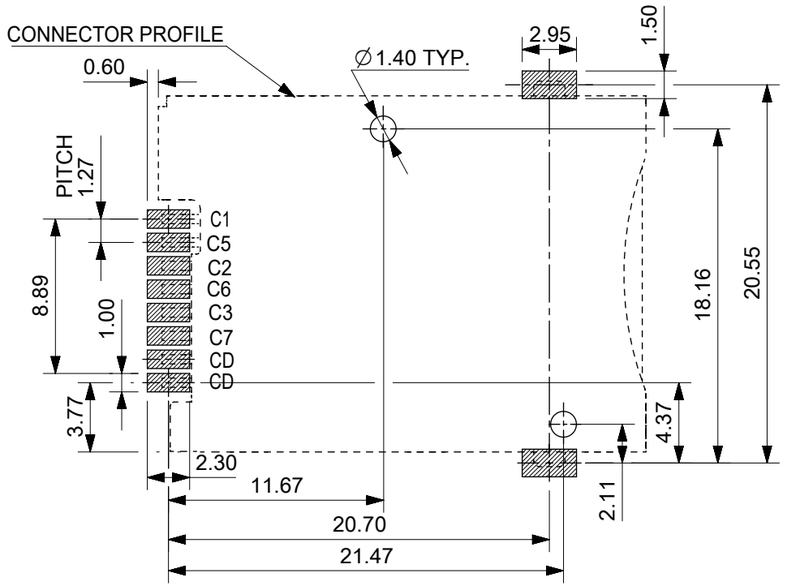
CARD INSERTED



WITHOUT CARD







RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05MM

NO.	DESCRIPTION	Q'TY	MATERIAL
1	HOUSING	1	HIGH TEMPERATURE THERMOPLASTIC
2	TERMINAL	6	COPPER ALLOY
3	DETECT PIN LOWER	1	COPPER ALLOY
4	DETECT PIN UPPER	1	COPPER ALLOY
5	SHELL	1	STAINLESS STEEL
6	COIL SPRING	1	PIANO WIRE
7	HEART CAM	1	LCP
8	CAM PIN	1	STAINLESS STEEL

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 835392
DRWN: AJITHK8 2025/09/18
CHK'D: MRAMAKRISHNA 2025/09/24
APPR: MRAMAKRISHNA 2025/09/24

INITIAL REVISION:
DRWN: LHSHEN 2007/09/03
APPR: HWWANG 2007/09/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 47553

molex

PUSH PUSH 6 PINS SIM
WITH DETECT PIN&POST SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-47553-101	PSD	001	G

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
475531001	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/24 09:08:20

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18