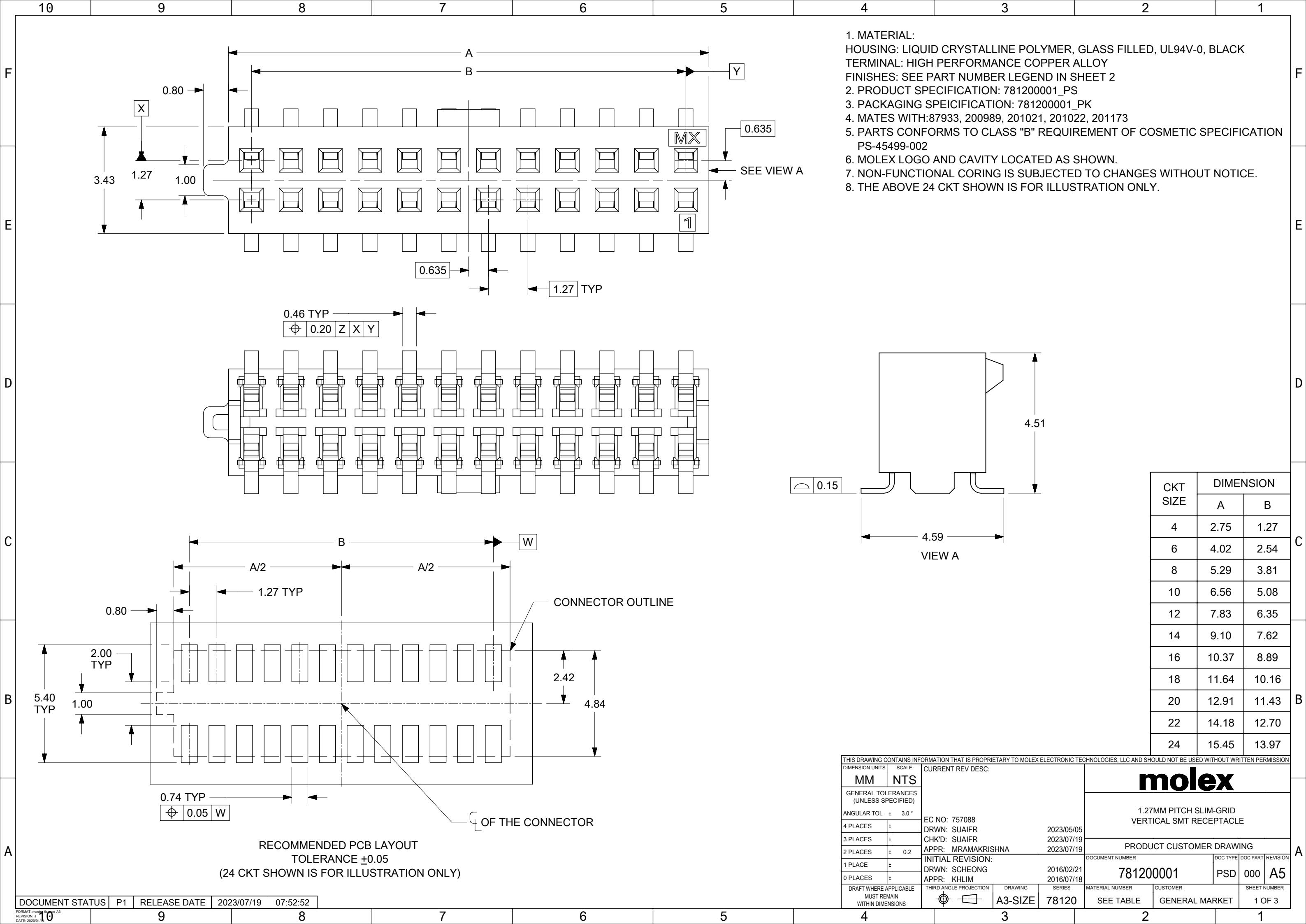
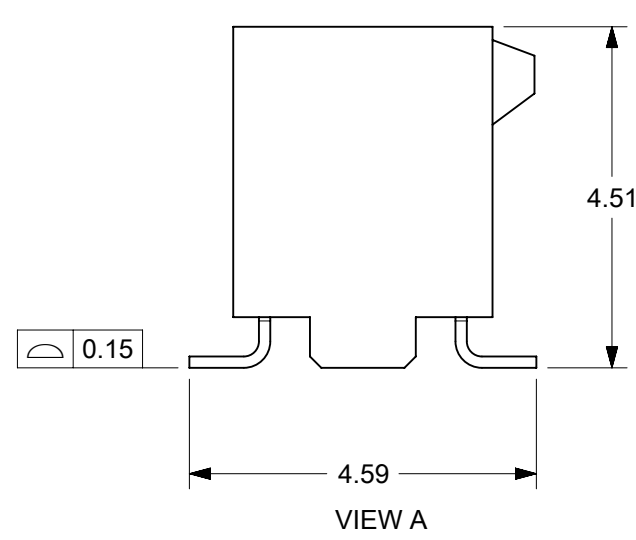




1. MATERIAL:
HOUSING: LIQUID CRYSTALLINE POLYMER, GLASS FILLED, UL94V-0, BLACK
TERMINAL: HIGH PERFORMANCE COPPER ALLOY
FINISHES: SEE PART NUMBER LEGEND IN SHEET 2
2. PRODUCT SPECIFICATION: 781200001_PS
3. PACKAGING SPECIFICATION: 781200001_PK
4. MATES WITH: 87933, 200989, 201021, 201022, 201173
5. PARTS CONFORMS TO CLASS "B" REQUIREMENT OF COSMETIC SPECIFICATION PS-45499-002
6. MOLEX LOGO AND CAVITY LOCATED AS SHOWN.
7. NON-FUNCTIONAL CORING IS SUBJECTED TO CHANGES WITHOUT NOTICE.
8. THE ABOVE 24 CKT SHOWN IS FOR ILLUSTRATION ONLY.



CKT SIZE	DIMENSION	
	A	B
4	2.75	1.27
6	4.02	2.54
8	5.29	3.81
10	6.56	5.08
12	7.83	6.35
14	9.10	7.62
16	10.37	8.89
18	11.64	10.16
20	12.91	11.43
22	14.18	12.70
24	15.45	13.97

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex				
MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0 °											
4 PLACES ±							EC NO: 757088				
3 PLACES ±				DRWN: SUAIFR 2023/05/05							
2 PLACES ± 0.2				CHK'D: SUAIFR 2023/07/19							
1 PLACE ±				APPR: MRAMAKRISHNA 2023/07/19							
0 PLACES ±				INITIAL REVISION:							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: SCHEONG 2016/02/21			DOCUMENT NUMBER				
				APPR: KHLIM 2016/07/18			781200001				
							DOC TYPE				
THIRD ANGLE PROJECTION				DRAWING		SERIES		CUSTOMER		SHEET NUMBER	
				A3-SIZE		78120		SEE TABLE		GENERAL MARKET	
										1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/19	07:52:52
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CKT SIZE	ASSEMBLY P/N WITHOUT KAPTON TAPE IN TUBE	ASSEMBLY P/N WITH KAPTON TAPE IN TUBE (TOOLED)	ASSEMBLY P/N WITH KAPTON TAPE IN T&R	TAPE & REEL TOOLED
4	78120-0407	78120-0417	78120-0427	N
	78120-0408	78120-0418	78120-0428	
	78120-0409	78120-0419	78120-0429	
6	78120-0607	78120-0617	78120-0627	Y
	78120-0608	78120-0618	78120-0628	
	78120-0609	78120-0619	78120-0629	
8	78120-0807	78120-0817	78120-0827	Y
	78120-0808	78120-0818	78120-0828	
	78120-0809	78120-0819	78120-0829	
10	78120-1007	78120-1017	78120-1027	Y
	78120-1008	78120-1018	78120-1028	
	78120-1009	78120-1019	78120-1029	
12	78120-1207	78120-1217	78120-1227	N
	78120-1208	78120-1218	78120-1228	
	78120-1209	78120-1219	78120-1229	
14	78120-1407	78120-1417	78120-1427	Y
	78120-1408	78120-1418	78120-1428	
	78120-1409	78120-1419	78120-1429	
16	78120-1607	78120-1617	78120-1627	N
	78120-1608	78120-1618	78120-1628	
	78120-1609	78120-1619	78120-1629	
18	78120-1807	78120-1817	78120-1827	Y
	78120-1808	78120-1818	78120-1828	
	78120-1809	78120-1819	78120-1829	
20	78120-2007	78120-2017	78120-2027	N
	78120-2008	78120-2018	78120-2028	
	78120-2009	78120-2019	78120-2029	
22	78120-2207	78120-2217	78120-2227	Y
	78120-2208	78120-2218	78120-2228	
	78120-2209	78120-2219	78120-2229	
24	78120-2407	78120-2417	78120-2427	Y
	78120-2408	78120-2418	78120-2428	
	78120-2409	78120-2419	78120-2429	

78120-X X X X

CKT SIZE

04 = 4 CKTS

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24 = 24 CKTS

FINISHES

7 = 0.05um Au MIN. GOLD ON CONTACT AND 2.54um MIN. MATTE TIN ON SOLDERTAIL OVER 1.27um MIN. NICKEL UNDERPLATE OVERALL

8 = 0.38um Au MIN. GOLD ON CONTACT AND 2.54um MIN. MATTE TIN ON SOLDERTAIL OVER 1.27um MIN. NICKEL UNDERPLATE OVERALL

9 = 0.76um Au MIN. GOLD ON CONTACT AND 2.54um MIN. MATTE TIN ON SOLDERTAIL OVER 1.27um MIN. NICKEL UNDERPLATE OVERALL

PACKAGING & PICK AND PLACE CAPABILITY

0 = NO KAPTON TAPE IN TUBE

1 = WITH KAPTON TAPE IN TUBE

2 = WITH KAPTON TAPE IN TAPE AND REEL

LOCATION OF KAPTON TAPE (CENTRE OF CONNECTOR)

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex			
MM	NTS			1.27MM PITCH SLIM-GRID VERTICAL SMT RECEPTACLE			
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING			
ANGULAR TOL	± 3.0 °			DOCUMENT NUMBER			
4 PLACES	±			781200001			
3 PLACES	±			DOC TYPE			
2 PLACES	± 0.2			PSD			
1 PLACE	±			DOC PART			
0 PLACES	±			000			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		78120	
				MATERIAL NUMBER		REVISION	
				SEE TABLE		A5	
				CUSTOMER		SHEET NUMBER	
				GENERAL MARKET		2 OF 3	

EC NO: 757088

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: SCHEONG

APPR: KHLIM

2023/05/05

2023/07/19

2023/07/19

2016/02/21

2016/07/18

DOCUMENT STATUS

P1

RELEASE DATE

2023/07/19

07:52:52

10987654321

FORMAT: m89916-000A3

REVISION: 1

DATE: 2020/01/18

	10	9	8	7	6	5	4	3	2	1	
F	BOARD TO BOARD (BTB) DISTANCE										F
E											E
D											D
C											C
B											B
A											A