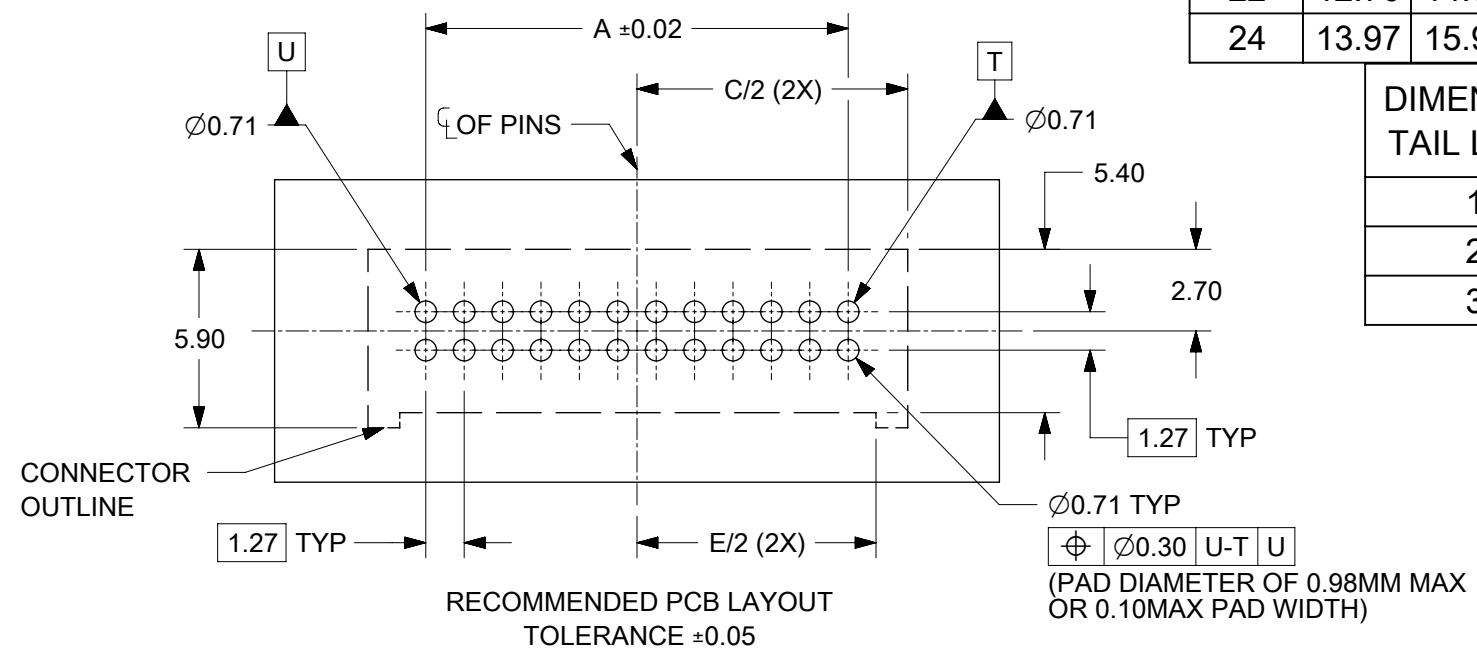


CKT SIZE	DIMENSION					
	A	B	C	D	E	F
4	1.27	3.25	5.15	-	3.05	3.04
6	2.54	4.52	6.42	4.85	4.32	4.31
8	3.81	5.79	7.69	4.85	5.59	5.58
10	5.08	7.06	8.96	4.85	6.86	6.85
12	6.35	8.33	10.23	4.85	8.13	8.12
14	7.62	9.60	11.50	4.85	9.40	9.39
16	8.89	10.87	12.77	4.85	10.67	10.66
18	10.16	12.14	14.04	4.85	11.94	11.93
20	11.43	13.41	15.31	4.85	13.21	13.20
22	12.70	14.68	16.58	4.85	14.48	14.47
24	13.97	15.95	17.85	4.85	15.75	15.74

DIMENSION G TAIL LENGTH	RECOMMENDED PCB THICKNESS
1.60	1.60
2.40	2.40
3.00	3.00



- NOTES:
- FOR ILLUSTRATION PURPOSES, 24 CIRCUIT SIZE WAFER IS SHOWN.
  - MATERIAL :  
HOUSING : LCP, GLASS-FILLED, UL94V-0, BLACK  
BANDOLIER PIN : 0.40MM SQ. COPPER ALLOY
  - FINISHES: SEE SHEET 2
  - PRODUCT SPECIFICATION: 2009890001\_PS
  - PACKAGING SPECIFICATION: 2010220001\_PK
  - POSITIONING TO BE CONTROLLED BASED ON PIN TIP
  - REFER TO SHEET 2 FOR PART OPTION & PART NUMBER.
  - MATES WITH: 78120 SERIES
  - PARTS CONFORMS TO CLASS "B" REQUIREMENT OF COSMETIC SPECIFICATION PS-45499-002
  - MOLEX LOGO AND CAVITY LOCATED AS SHOWN.
  - NON-FUNCTIONAL CORING IS SUBJECTED TO CHANGES WITHOUT NOTICE.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SCALE: NTS		CURRENT REV DESC: REMASTERED & BTB DISTANCE UPDATE	
DIMENSION UNITS: mm		SCALE: NTS		CURRENT REV DESC: REMASTERED & BTB DISTANCE UPDATE	
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± 3.0°					
4 PLACES ±					
3 PLACES ±					
2 PLACES ± 0.2					
1 PLACE ±					
0 PLACES ±					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
THIRD ANGLE PROJECTION		DRAWING		SERIES	
A3-SIZE		201022		MATERIAL NUMBER	
SEE TABLE		GENERAL MARKET		SHEET NUMBER	
1 OF 3		2010220024		PSD 000 A3	

10	9		8		7	
	PIN TAIL LENGTH, G=1.60		PIN TAIL LENGTH, G=2.40		PIN TAIL LENGTH, G=3.00	
CKT SIZE	ASSEMBLY WITHOUT CAP P/N	ASSEMBLY WITH CAP P/N	ASSEMBLY WITHOUT CAP P/N	ASSEMBLY WITH CAP P/N	ASSEMBLY WITHOUT CAP P/N	ASSEMBLY WITH CAP P/N
4	201022-0004	201022-3004	201022-1004	201022-4004	201022-2004	201022-5004
	201022-0104	201022-3104	201022-1104	201022-4104	201022-2104	201022-5104
	201022-0204	201022-3204	201022-1204	201022-4204	201022-2204	201022-5204
6	201022-0006	201022-3006	201022-1006	201022-4006	201022-2006	201022-5006
	201022-0106	201022-3106	201022-1106	201022-4106	201022-2106	201022-5106
	201022-0206	201022-3206	201022-1206	201022-4206	201022-2206	201022-5206
8	201022-0008	201022-3008	201022-1008	201022-4008	201022-2008	201022-5008
	201022-0108	201022-3108	201022-1108	201022-4108	201022-2108	201022-5108
	201022-0208	201022-3208	201022-1208	201022-4208	201022-2208	201022-5208
10	201022-0010	201022-3010	201022-1010	201022-4010	201022-2010	201022-5010
	201022-0110	201022-3110	201022-1110	201022-4110	201022-2110	201022-5110
	201022-0210	201022-3210	201022-1210	201022-4210	201022-2210	201022-5210
12	201022-0012	201022-3012	201022-1012	201022-4012	201022-2012	201022-5012
	201022-0112	201022-3112	201022-1112	201022-4112	201022-2112	201022-5112
	201022-0212	201022-3212	201022-1212	201022-4212	201022-2212	201022-5212
14	201022-0014	201022-3014	201022-1014	201022-4014	201022-2014	201022-5014
	201022-0114	201022-3114	201022-1114	201022-4114	201022-2114	201022-5114
	201022-0214	201022-3214	201022-1214	201022-4214	201022-2214	201022-5214
16	201022-0016	201022-3016	201022-1016	201022-4016	201022-2016	201022-5016
	201022-0116	201022-3116	201022-1116	201022-4116	201022-2116	201022-5116
	201022-0216	201022-3216	201022-1216	201022-4216	201022-2216	201022-5216
18	201022-0018	201022-3018	201022-1018	201022-4018	201022-2018	201022-5018
	201022-0118	201022-3118	201022-1118	201022-4118	201022-2118	201022-5118
	201022-0218	201022-3218	201022-1218	201022-4218	201022-2218	201022-5218
20	201022-0020	201022-3020	201022-1020	201022-4020	201022-2020	201022-5020
	201022-0120	201022-3120	201022-1120	201022-4120	201022-2120	201022-5120
	201022-0220	201022-3220	201022-1220	201022-4220	201022-2220	201022-5220
22	201022-0022	201022-3022	201022-1022	201022-4022	201022-2022	201022-5022
	201022-0122	201022-3122	201022-1122	201022-4122	201022-2122	201022-5122
	201022-0222	201022-3222	201022-1222	201022-4222	201022-2222	201022-5222
24	201022-0024	201022-3024	201022-1024	201022-4024	201022-2024	201022-5024
	201022-0124	201022-3124	201022-1124	201022-4124	201022-2124	201022-5124
	201022-0224	201022-3224	201022-1224	201022-4224	201022-2224	201022-5224

# LEGEND

201022 - X X X X

CKT SIZE
04 = 4 CKTS
24 = 24 CKTS

FINISHES
0 = 0.05um Au MIN. GOLD ON CONTACT AND 2.00um MIN. MATTE TIN ON SOLDERTAIL OVER 1.27um MIN. NICKEL UNDERPLATE OVERALL
1 = 0.38um Au MIN. GOLD ON CONTACT AND 2.00um MIN. MATTE TIN ON SOLDERTAIL OVER 1.27um MIN. NICKEL UNDERPLATE OVERALL
2 = 0.76um Au MIN. GOLD ON CONTACT AND 2.00um MIN. MATTE TIN ON SOLDERTAIL OVER 1.27um MIN. NICKEL UNDERPLATE OVERALL

PACKAGING TYPE AND TAIL LENGTH
<u>TUBE AND WITHOUT CAP</u>
0 = 1.60 P.TAIL LENGTH
1 = 2.40 P.TAIL LENGTH
2 = 3.00 P.TAIL LENGTH
<u>TUBE AND WITH CAP</u>
3 = 1.60 P.TAIL LENGTH
4 = 2.40 P.TAIL LENGTH
5 = 3.00 P.TAIL LENGTH
<u>TAPE &amp; REEL (NOT TOOLED)</u>
6 = 1.60 P.TAIL LENGTH
7 = 2.40 P.TAIL LENGTH
8 = 3.00 P.TAIL LENGTH

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMASTERED & BTB DISTANCE UPDATE			<b>molex</b>					
mm	NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 664214			1.27MM PITCH SLIM-GRID VERTICAL THROUGH HOLE SHROUDED HEADER					
ANGULAR TOL	±	3.0°			PRODUCT CUSTOMER DRAWING					
4 PLACES	±	DRWN: SCHEONG 2017/09/14			DOCUMENT NUMBER					
3 PLACES	±	CHK'D: ABABUPS 2021/05/18			DOC TYPE					
2 PLACES	±	APPR: MRAMAKRISHNA 2021/05/18			DOC PART					
1 PLACE	±	INITIAL REVISION:			REVISION					
0 PLACES	±	DRWN: SCHEONG 2016/02/22			2010220024		PSD		000	A3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
			A3-SIZE	201022	SEE TABLE	GENERAL MARKET		2 OF 3		

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18	14:43:00
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BOARD TO BOARD (BTB) DISTANCE

HEADER	MATES WITH (RECEPTACLE)	BTB DIST.	PICTORIAL VIEW
201022	78120	7.81	

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMASTERED & BTB DISTANCE UPDATE							
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 664214			1.27MM PITCH SLIM-GRID VERTICAL THROUGH HOLE SHROUDED HEADER PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 3.0 °		DRWN: SCHEONG 2017/09/14							
4 PLACES ±	CHK'D: ABABUPS 2021/05/18			DOCUMENT NUMBER: 2010220024 DOC TYPE: PSD DOC PART: 000 REVISION: A3					
3 PLACES ±	APPR: MRAMAKRISHNA 2021/05/18								
2 PLACES ± 0.2	INITIAL REVISION:			MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 3					
1 PLACE ±	DRWN: SCHEONG 2016/02/22								
0 PLACES ±	APPR: KHLIM 2016/11/24			THIRD ANGLE PROJECTION 					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES						
		A3-SIZE	201022						

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18	14:43:00
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