



- 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 TABLE
  - PRODUCT SPECIFICATION: 2009890001 (PS)
  - PACKAGING SPECIFICATION: 2011730001 (PK)
  - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE
  - DATUM X AND Y ARE FORMED BY ALIGNING THE CENTRE OF THE 4 CORNER PINS AT THE FURTHEST ENDS.
  - SEE SHEET 2 FOR PART OPTION AND PART NUMBER
  - POSITIONING TO BE CONTROLLED BASED ON PIN TIP
  - 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.

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

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DIMENSION UNITS <b>mm</b>	SCALE <b>NTS</b>	CURRENT REV DESC: REMASTERED & BTB DISTANCE UPDATE	<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)						1.27MM PITCH SLIM-GRID RIGHT-ANGLE SMT SHROUDED HEADER
ANGULAR TOL ± 3.0°	EC NO: 664214		PRODUCT CUSTOMER DRAWING			
4 PLACES ±	DRWN: KSUTAR 2021/05/07		DOCUMENT NUMBER			
3 PLACES ±	CHK'D: ABABUPS 2021/05/18		DOC TYPE			
2 PLACES ± 0.2	APPR: MRAMAKRISHNA 2021/05/18		DOC PART			
1 PLACE ±	INITIAL REVISION:		REVISION			
0 PLACES ±	DRWN: SCHEONG 2016/02/22		2011730024			
	APPR: KHLIM 2016/11/24		PSD 000 A3			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		A3-SIZE	201173	SEE TABLE	GENERAL MARKET	1 OF 3

# ASSEMBLY

## 201173 - X X X X

CKT SIZE	ASSEMBLY WITHOUT KAPTON TAPE IN TUBE P/N	ASSEMBLY WITH KAPTON TAPE IN TUBE P/N	ASSEMBLY WITH KAPTON TAPE IN TAPE & REEL P/N
4	201173-0004	201173-1004	201173-2004
	201173-0104	201173-1104	201173-2104
	201173-0204	201173-1204	201173-2204
6	201173-0006	201173-1006	201173-2006
	201173-0106	201173-1106	201173-2106
	201173-0206	201173-1206	201173-2206
8	201173-0008	201173-1008	201173-2008
	201173-0108	201173-1108	201173-2108
	201173-0208	201173-1208	201173-2208
10	201173-0010	201173-1010	201173-2010
	201173-0110	201173-1110	201173-2110
	201173-0210	201173-1210	201173-2210
12	201173-0012	201173-1012	201173-2012
	201173-0112	201173-1112	201173-2112
	201173-0212	201173-1212	201173-2212
14	201173-0014	201173-1014	201173-2014
	201173-0114	201173-1114	201173-2114
	201173-0214	201173-1214	201173-2214
16	201173-0016	201173-1016	201173-2016
	201173-0116	201173-1116	201173-2116
	201173-0216	201173-1216	201173-2216
18	201173-0018	201173-1018	201173-2018
	201173-0118	201173-1118	201173-2118
	201173-0218	201173-1218	201173-2218
20	201173-0020	201173-1020	201173-2020
	201173-0120	201173-1120	201173-2120
	201173-0220	201173-1220	201173-2220
22	201173-0022	201173-1022	201173-2022
	201173-0122	201173-1122	201173-2122
	201173-0222	201173-1222	201173-2222
24	201173-0024	201173-1024	201173-2024
	201173-0124	201173-1124	201173-2124
	201173-0224	201173-1224	201173-2224

**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 AND KAPTON TAPE OPTION**

0 = TUBE AND NO KAPTON TAPE  
 1 = TUBE AND WITH KAPTON TAPE  
 2 = TAPE & REEL AND WITH KAPTON TAPE  
 (NOT TOOLED)

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mm	NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 664214			1.27MM PITCH SLIM-GRID RIGHT-ANGLE SMT SHROUDED HEADER					
ANGULAR TOL	± 3.0 °	DRWN: KSUTAR 2021/05/07			PRODUCT CUSTOMER DRAWING					
4 PLACES	±	CHK'D: ABABUPS 2021/05/18			DOCUMENT NUMBER					
3 PLACES	±	APPR: MRAMAKRISHNA 2021/05/18			2011730024			DOC TYPE	DOC PART	REVISION
2 PLACES	± 0.2	INITIAL REVISION:			PSD 000 A3					
1 PLACE	±	DRWN: SCHEONG 2016/02/22								
0 PLACES	±	APPR: KHLIM 2016/11/24								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
		A3-SIZE	201173	SEE TABLE	GENERAL MARKET	2 OF 3				

BOARD TO BOARD (BTB) DISTANCE

HEADER	MATES WITH (RECEPTACLE)	BTB DIST.	PICTORIAL VIEW
201173	78120	13.77	

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mm	NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 664214				1.27MM PITCH SLIM-GRID RIGHT-ANGLE SMT SHROUDED HEADER				
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1 PLACE ±		DRWN: SCHEONG 2016/02/22				2011730024		PSD	000	A3
0 PLACES ±		APPR: KHLIM 2016/11/24				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
			A3-SIZE	201173	SEE TABLE	GENERAL MARKET		3 OF 3		

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18	14:43:01
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