

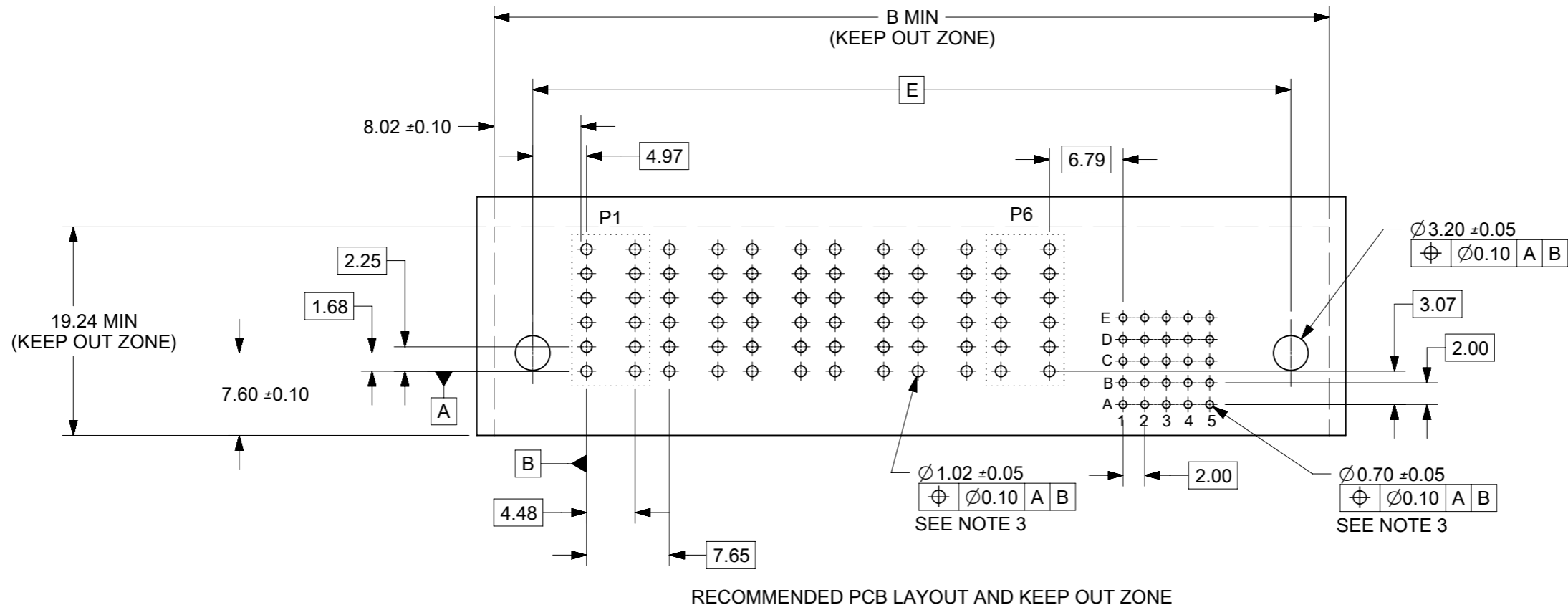
NOTES:

- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μ m (50 μ ") NICKEL OVERALL WITH 2.54 μ m (100 μ ") SELECTIVE TIN ON TAILS AND 0.762 μ m (30 μ ") SELECTIVE GOLD ON CONTACT AREA
- PACKAGING SPECIFICATION: SEE TABLE IN SHEET 2.
- PLATED THRU HOLE SIZE, REFER TO PS-172185-0001 FOR DETAILS
- PRODUCT SPEC: PS-172185-0001
- PRODUCT TO MEET RoHS REQUIREMENTS
- FOR MATING PARTS SEE TABLE
- TAIL DESIGN: SEE TABLE
- CONTACTS ARE LUBRICATED

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:					
mm		2:1		<p>molex</p> <p>R/A PLUG ASSY MODULAR ENERGETIC POWER</p> <p>PRODUCT CUSTOMER DRAWING</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM	INCH	<p>EC NO: 629203</p> <p>DRWN: GSHARMA 2019/12/16</p> <p>CHK'D: GSHARMA 2019/12/16</p> <p>APPR: HTHYAGARAJ 2019/12/16</p>					
4 PLACES	±			<p>INITIAL REVISION:</p> <p>DRWN: CGOH 2013/12/19</p> <p>APPR: KHLIM 2014/04/15</p>					
3 PLACES	±			<p>DOCUMENT NUMBER: SD-172185-0001</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>REVISION: B2</p>					
2 PLACES	±	0.25	±	<p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> <p>THIRD ANGLE PROJECTION</p> <p>DRAWING: A3-SIZE</p> <p>SERIES: 172185</p> <p>MATERIAL NUMBER: SEE TABLE</p> <p>CUSTOMER: GENERAL MARKET</p> <p>SHEET NUMBER: 1 OF 2</p>					
1 PLACE	±	0.25	±						
0 PLACES	±								
ANGULAR TOL ± 3.0°									

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/16	14:40:29
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PART NUMBER	NO. OF POWERS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	TAIL OPTIONS	NO. OF SIGNALS	PACKAGING	MATING PART			
										VERT. RECEPTACLE DRAWING: SD-172186-0001		RA RECEPTACLE DRAWING: 2049000001	
										COMPLIANT PIN (P/N)	SOLDER TAIL (P/N)	COMPLIANT PIN (P/N)	
1721850001	6	76.10	77.10	2.71	2.74	69.98	SOLDER TAIL	25	PK-172185-0001	1721860001	2049000001	2049000012	
1721850002	4	60.80	61.80	2.71	2.74	54.68				1721860002	2049000002	2049000013	
1721850003	2	45.50	46.50	2.71	2.74	39.38				1721860003	2049000003	2049000014	
1721850012	6	76.10	77.10	2.71	2.40	69.98	COMPLIANT PIN		PK-172185-0004	1721860001	2049000001	2049000012	
1721850013	4	60.80	61.80	2.71	2.40	54.68				1721860002	2049000002	2049000013	
1721850014	2	45.50	46.50	2.71	2.40	39.38				1721860003	2049000003	2049000014	



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 629203				R/A PLUG ASSY	
				DRWN: GSHARMA 2019/12/16				MODULAR ENERGETIC POWER	
4 PLACES ±				CHK'D: GSHARMA 2019/12/16				PRODUCT CUSTOMER DRAWING	
3 PLACES ±				APPR: HTHYAGARAJ 2019/12/16				DOCUMENT NUMBER	
2 PLACES ± 0.25				INITIAL REVISION:				SD-172185-0001	
1 PLACE ± 0.25				DRWN: CGOH 2013/12/19				DOC TYPE	
0 PLACES ±				APPR: KHLIM 2014/04/15				PSD	
ANGULAR TOL ± 3.0°				DRAWING				001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		SERIES		REVISION	
				A3-SIZE		172185		B2	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL MARKET		2 OF 2	