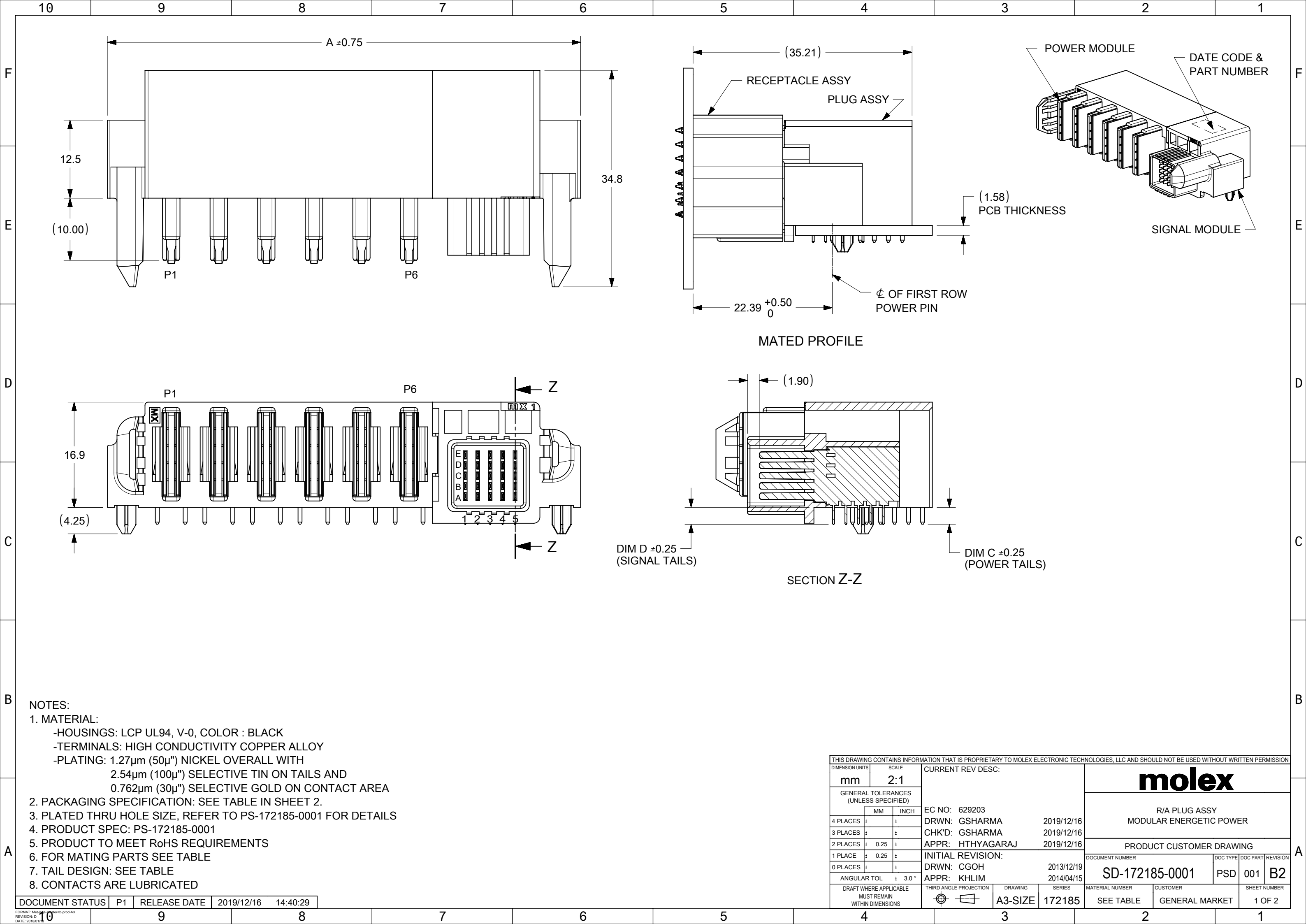
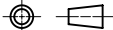


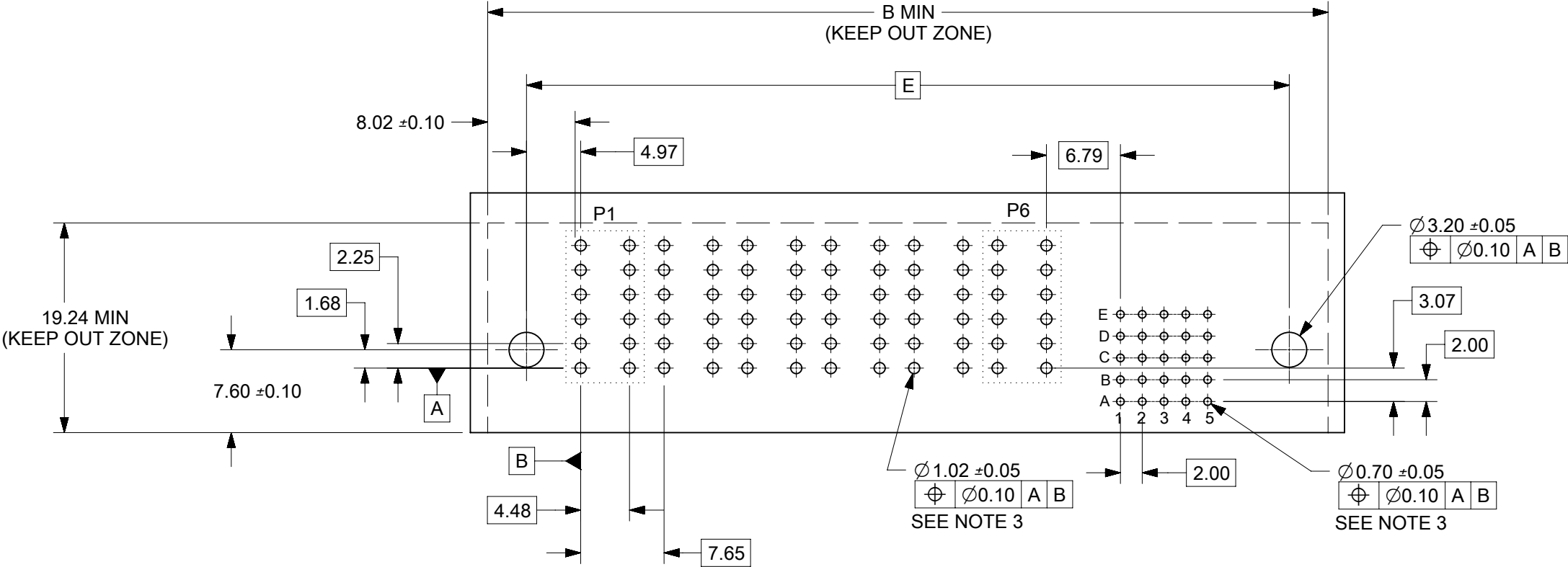


- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μ m (50 μ ") NICKEL OVERALL WITH 2.54 μ m (100 μ ") SELECTIVE TIN ON TAILS AND 0.762 μ m (30 μ ") SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING SPECIFICATION: SEE TABLE IN SHEET 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

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/16	14:40:29
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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		2:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 629203 DRWN: GSHARMA 2019/12/16 CHK'D: GSHARMA 2019/12/16 APPR: HTHYAGARAJ 2019/12/16			R/A PLUG ASSY MODULAR ENERGETIC POWER					
	MM	INCH										
4 PLACES	±	±										
3 PLACES	±	±										
2 PLACES	±	0.25	±									
1 PLACE	±	0.25	±	INITIAL REVISION: DRWN: CGOH 2013/12/19 APPR: KHLIM 2014/04/15			PRODUCT CUSTOMER DRAWING					
0 PLACES	±	±										
ANGULAR TOL ± 3.0 °							DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 			SD-172185-0001			PSD	001	B2
				DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER			
				A3-SIZE	172185	SEE TABLE	GENERAL MARKET		1 OF 2			

10		9		8			7		6		5		4		3		2		1	
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			PK-172185-0004	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			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									



RECOMMENDED PCB LAYOUT AND KEEP OUT ZONE

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/16	14:40:29
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FORMAT: Maf...
REVISION: D...
DATE: 2018/01/15

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