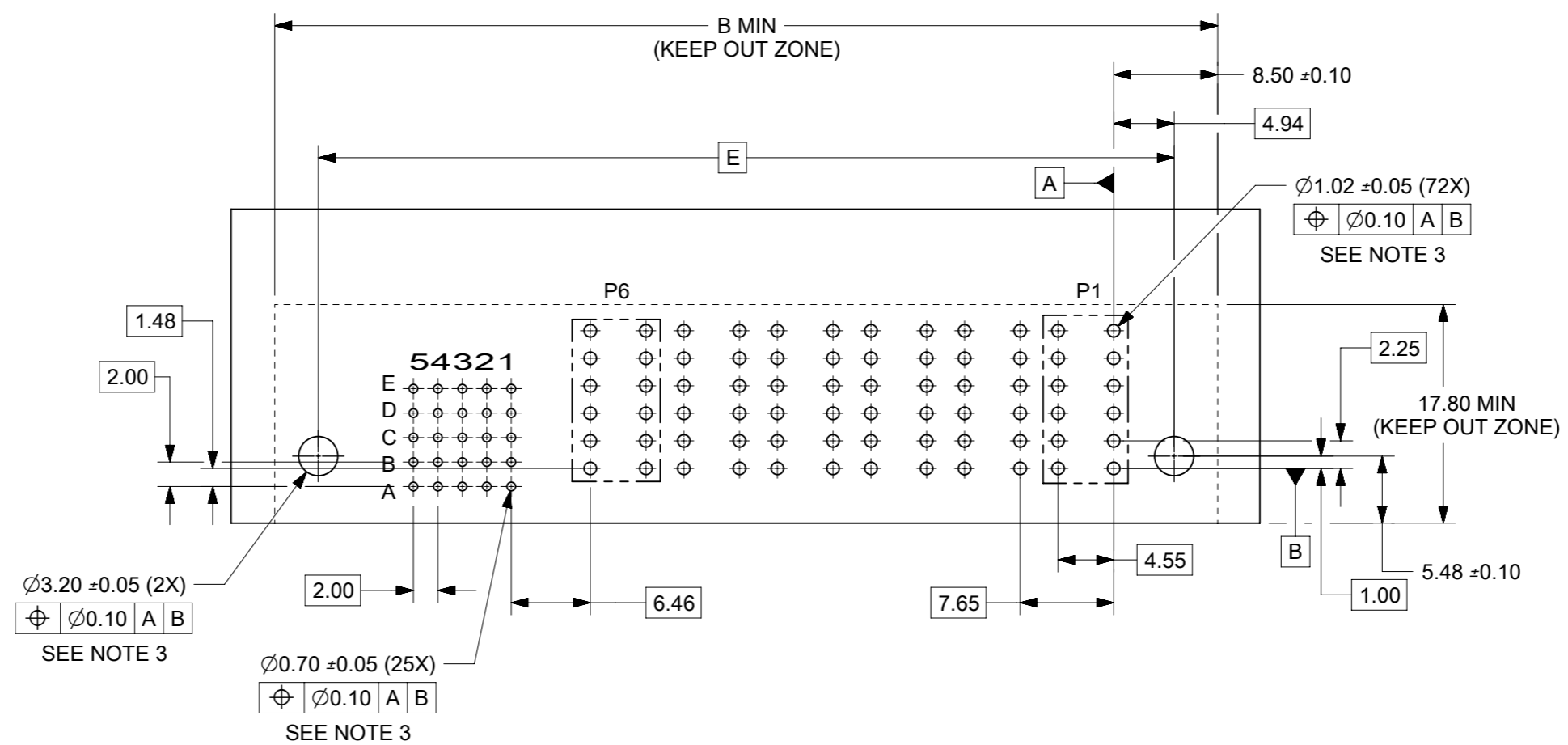


- NOTE:
- MATERIAL:
 - HOUSING: LCP, UL 94V-0, COLOR:BLACK
 - TERMINAL: COPPER ALLOY
 - PLATING: 1.27MICROMETER(50MICROINCH)MIN NICKEL OVERALL WITH 2.54MICROMETER(100MICROINCH)MIN SELECTIVE TIN ON TAILS AND 0.762MICROMETER(30MICROINCH)MIN SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING SPECIFICATION: SEE 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
 - POWER AND SIGNAL CONTACTS ARE LUBRICATED
 - APPLICATION SPEC: AS-171097-0001

DIMENSION UNITS		SCALE	CURRENT REV DESC:					
mm	NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)			molex RA RECEPTACLES ASSY G+_P+25S+G MODULAR ENERGETIC PRODUCT CUSTOMER DRAWING					
ANGULAR TOL	±	3.0°						
4 PLACES	±							
3 PLACES	±							
2 PLACES	±	0.25						
1 PLACE	±	0.25						
0 PLACES	±		EC NO: 627741 DRWN: GSHARMA 2019/11/20 CHK'D: GSHARMA 2019/11/20 APPR: HTHYAGARAJ 2019/11/20					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			INITIAL REVISION: DRWN: KMUHAMMADFAI 2019/03/19 APPR: HTHYAGARAJ 2019/07/19					
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOC TYPE	DOC PART	REVISION
		A3-SIZE	204900	SEE TABLE	GENERAL MARKET	PSD	000	A2
SHEET NUMBER		1 OF 2						

PART NUMBER	NO OF POWERS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	TAIL OPTIONS	NO OF SIGNALS	PACKAGING	MATING PLUG PART DRAWING: SD-172185-0001	
										SOLDER TAIL (P/N)	COMPLIANT PIN (P/N)
2049000001	6	76.10	77.10	2.70	2.74	69.98	SOLDER TAIL	25	2049000000-PK	1721850001	1721850012
2049000002	4	60.80	61.80	2.70	2.74	54.68				1721850002	1721850013
2049000003	2	45.50	46.50	2.70	2.74	39.38				1721850003	1721850014
2049000012	6	76.10	77.10	2.71	2.40	69.98	COMPLIANT PIN			1721850001	1721850012
2049000013	4	60.80	61.80	2.71	2.40	54.68				1721850002	1721850013
2049000014	2	45.50	46.50	2.71	2.40	39.38				1721850003	1721850014



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS	SCALE	EC NO: 627741			
mm	NTS	DRWN: GSHARMA 2019/11/20		PRODUCT CUSTOMER DRAWING	
GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: GSHARMA 2019/11/20		DOCUMENT NUMBER	
ANGULAR TOL	± 3.0°	APPR: HTHYAGARAJ 2019/11/20		2049000001	
4 PLACES	±	INITIAL REVISION:		DOC TYPE	DOC PART
3 PLACES	±	DRWN: KMUHAMMADFAL 2019/03/19		PSD	000
2 PLACES	± 0.25	APPR: HTHYAGARAJ 2019/07/19		REVISION	
1 PLACE	± 0.25	DRAWING		A2	
0 PLACES	±	SERIES		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	A3-SIZE	MATERIAL NUMBER	CUSTOMER
			204900	SEE TABLE	GENERAL MARKET
				2 OF 2	