



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		NTS		<div style="text-align: center;">molex</div> RA RECEPTACLE ASSY MODULAR ENERGETIC PRODUCT CUSTOMER DRAWING					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 3.0 °							
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.25							
1 PLACE		± 0.25		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	
0 PLACES		±		DRWN: KMUHAMMADFAI 2019/04/23		2049000009		PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		204900		SEE TABLE	
						CUSTOMER		SHEET NUMBER	
						GENERAL MARKET		1 OF 2	

PART NUMBER	NO. OF POWER	DIM A	DIM B	DIM C	TAIL OPTIONS	MATING PLUG PART DRAWING: SD-172185-0009	
						SOLDER TAIL (P/N)	COMPLIANT PIN (P/N)
2049000009	6	47.75	48.75	2.70	SOLDER TAIL	1721850009	1721850015
2049000010	4	32.45	33.45			1721850010	1721850016
2049000011	2	17.15	18.15			1721850011	1721850017
2049000015	6	47.75	48.75	2.71	COMPLIANT PIN	1721850009	1721850015
2049000016	4	32.45	33.45			1721850010	1721850016
2049000017	2	17.15	18.15			1721850011	1721850017

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: 2049000000-PK
- 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

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex		RA RECEPTACLE ASSY MODULAR ENERGETIC	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620237				DOCUMENT NUMBER 2049000009			
ANGULAR TOL ± 3.0 °				DRWN: KMUHAMMADFAI 2019/04/23							
4 PLACES ±				CHK'D: GSHARMA 2019/07/08				DOC TYPE		DOC PART	
3 PLACES ±				APPR: HTHYAGARAJ 2019/07/19				PSD		000	
2 PLACES ± 0.25				INITIAL REVISION:				REVISION		A	
1 PLACE ± 0.25				DRWN: KMUHAMMADFAI 2019/04/23				SERIES		204900	
0 PLACES ±				APPR: HTHYAGARAJ 2019/07/19				MATERIAL NUMBER		SEE TABLE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		CUSTOMER		SHEET NUMBER	
						A3-SIZE		GENERAL MARKET		2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/19	08:36:47
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