



- NOTES:
- MATERIAL:
HOUSING: LCP UL 94V-0, COLOR: BLACK
TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
PLATING: 1.27µm (50u")MIN NICKEL OVERALL WITH 2.54µm (100u")MIN SELECTIVE TIN ON TAILS AND 0.762µm (30u")MIN SELECIVE GOLD ON CONTACT AREA
 - PACKAGING SPECIFICATION: PK-172185-0002
 - PLATED THRU HOLE SIZE, REFER TO PS-172185-0001 FOR DETIALS.
 - PRODCUT SPEC: PS-172185-0001
 - PRODUCT TO MEET RoHS REQUIREMENTS.
 - MATING PARTS
VERTICAL RECEPTACLE: 1721860008, DRAWING: SD-172186-0008.
RIGHT ANGLE RECEPTACLE: 2049000008, DRAWING: 2049000008.
 - TAIL DESIGN: SOLDER TAIL
 - CONTACTS ARE LUBRICATED.
 - MOLEX LOGO AND HOUSING CORING LOCATION MAY VARY.

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	molex 2P-25S-2P RA PLUG ASSEMBLY MODULAR ENERGETIC POWER PRODUCT CUSTOMER DRAWING								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL	± 3.0°									
4 PLACES	±									
3 PLACES	±									
2 PLACES	± 0.13	EC NO: 620237	2019/07/02		RA PSD 001 B			DOCUMENT NUMBER		
1 PLACE	± 0.25	DRWN: GSHARMA	2019/07/10					SD-172185-0008		PSD
0 PLACES	±	CHK'D: GSHARMA	2019/07/19		PRODUCT CUSTOMER DRAWING		DOCUMENT TYPE		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: HTHYAGARAJ	2019/07/19		INITIAL REVISION:		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
THIRD ANGLE PROJECTION		DRWN: CGOH	2015/01/04		DRAWING		1721850008		GENERAL MARKET	1 OF 1
DRAWING		APPR: CGOH	2015/05/28		SERIES		172185			