



NOTES:

- MATERIAL:**
 - HOUSINGS: LCP UL94, V-0, COLOR: BLACK
 - TERMINALS: COPPER ALLOY
 - PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: RPK-171089-1000
- PLATED THRU HOLE SIZE,** REFER TO PS-171088-0000 FOR DETAILS
- PRODUCT SPEC:** PS-171088-0000
- APPLICATION SPEC:** AS-46436-100
- PRODUCT TO MEET** RoHS REQUIREMENTS
- ASSEMBLY MATES TO** MOLEX PLUG ASSEMBLY P/N 171088-1000
- TAIL DESIGN:** COMPLIANT PIN
- POWER AND SIGNAL CONTACTS** ARE LUBRICATED

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: PKG DETAILS ADDED	
▽ = 0	DIMENSION UNITS	SCALE			
▽ = 0	MM	4:1			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0		MM	INCH		
▽ = 0	4 PLACES	±	±	EC NO: 615522	
▽ = 0	3 PLACES	±	±	DRWN: VNANDAM 2018/09/25	
▽ = 0	2 PLACES	±	±	CHK'D: YVENKATESWAR 2019/04/12	
▽ = 0	1 PLACE	±	±	APPR: HTHYAGARAJ 2019/05/06	
▽ = 0	0 PLACES	±	±	INITIAL REVISION:	
▽ = 0	ANGULAR TOL	±	0.5°	DRWN: BPISZCZOR 2013/02/28	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
▽ = 0				D-SIZE	171089
DOCUMENT STATUS		P1	RELEASE DATE	2019/05/06	07:17:25
DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
SD-171089-1000		PSD		001	B1
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
171089-1000		GENERAL MARKET		1 OF 1	

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

molex

VERT RISER RECEPTACLE 5SP-25S
TEN60 SP POWER FAMILY

PRODUCT CUSTOMER DRAWING