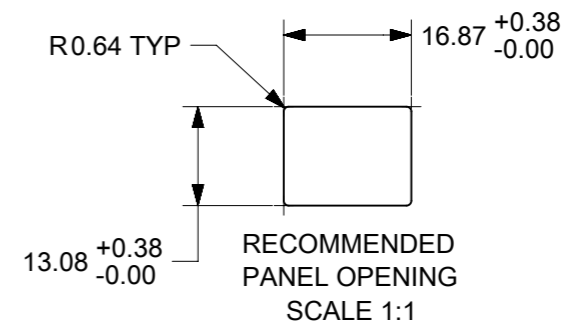


### PC BOARD LAYOUT FOR 8 POSITION HOUSING

(COMPONENT SIDE OF BOARD)

RECOMMENDED MINIMUM PCB THICKNESS: 0.86 mm.



**NOTES:**

- 1) MATERIAL:  
HOUSING: LCP, GLASS FILLED, UL94V-0, COLOR: BLACK  
INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE, 0.30 mm THICK  
SHIELD: BRASS
- 2) FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 0.00127 mm MIN.,  
SELECT MATTE TIN IN PC TAIL AREA: 0.00254 mm MIN.,  
WITH OVERALL NICKEL UNDERPLATE: 0.00127 mm MIN.
- SHIELD:  
2.54 MICROMETER NICKEL OVER 1.27 MICROMETER COPPER UNDERPLATE  
PCB GROUND TABS DIPPED IN TIN  
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAILS AND/OR SHIELD.
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43743-0001.
- 4) PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES TO BE PACKAGED USING TAPE & REEL SYSTEM PER PACKAGING DRAWING PK-70873-7015.
- 5) COPLANARITY SPECIFICATION:  
WHEN AN ASSEMBLY IS PLACED UPON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND FRONT SOLDER TAB IS 0.15 mm.
- 6 THRU HOLES 2.39±0.05 mm ARE FOR SHIELDS WITH LOCATION TABS ONLY.
- 7 AVAILABLE WITH (4) OPTIONAL SIDE GROUND TABS (OMITTED FOR SIDE TO SIDE STACKABILITY).
- 8 AVAILABLE WITH (2) OPTIONAL LOCATION TABS FOR LOCATING COMPONENT TO PCB AND/OR GROUNDING TO PCB.
- 9) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ASSEMBLY MAT. NO.	SHIELD SIDE TABS	SHIELD TOP TABS	LOCATION TABS
44282-0101	YES	YES	YES
44282-1104	NO	NO	YES

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: INITIAL RELEASE		<b>molex</b>	
▽ = 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL	±	0.5°	EC NO: 175953		SINGLE PORT, SMT MODJACK, LCP SHIELDED, SIZE 8, 8 CIRCUIT	
▽ = 0	4 PLACES	±		DRWN: AFENG02 2018/04/16		PRODUCT CUSTOMER DRAWING	
▽ = 0	3 PLACES	±		CHK'D: KLANG 2018/05/10		DOCUMENT NUMBER	
▽ = 0	2 PLACES	±	0.25	APPR: KLANG 2018/05/10		DOC TYPE DOC PART REVISION	
▽ = 0	1 PLACE	±		INITIAL REVISION:		442820101 PSD 000 A	
▽ = 0	0 PLACES	±		DRWN: AFENG02 2018/04/16		MATERIAL NUMBER	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: KLANG 2018/05/10		CUSTOMER	
				THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER
					A3-SIZE	44282	1 OF 1