



**NOTES :**

- 1) MATERIALS :  
HOUSING : NYLON, GLASS-FILLED, UL94V-0, COLOR - SEE CHART  
TERMINALS : PHOSPHOR BRONZE, .012/(0.30)  
FITTING NAILS : BRASS ALLOY, .010/(0.25)
- 2) FINISH :  
TERMINAL PLATING OPTIONS : (SEE TABLE)  
(A) SELECT GOLD IN CONTACT AREA: .000050/(0.00127) MIN.,  
\*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,  
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.,  
(B) SELECT GOLD IN CONTACT AREA: .000030/(0.00076) MIN.,  
\*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,  
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.,  
(C) SELECT GOLD IN CONTACT AREA: .000015/(0.00038) MIN.,  
\*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,  
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
- FITTING NAILS :  
\*100 MICROINCHES MATTE TIN OVER 50 MICROINCHES NICKEL UNDERPLATE  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "ELV AND RoHS COMPLIANT". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAIL AREA.
- 3) PRODUCT SPECIFICATION : PS-43743-001
- 4) COPLANARITY SPECIFICATIONS:  
WITH THE MODULAR JACK SITTING ON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND BOTH FITTING NAILS IS .006/(0.15).
- 5) FOR ASSEMBLIES HAVING VOIDED CIRCUITS, THE TAIL PORTION IS CUT AND REMOVED. THE MATING PORTION OF THE TERMINAL REMAINS INTACT. VOIDED CIRCUITS MUST BE THE SAME FOR BOTH PORTS.
- 6) CONVECTION SOLDERING TECHNOLOGY SHOULD BE USED WHEN GANGING MODULAR JACKS WITH INBOARD NAILS SIDE-BY-SIDE.
- 7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

PC BOARD LAYOUT FOR  
8 POSITION HOUSING  
(COMPONENT SIDE OF BOARD)

PC BOARD LAYOUT FOR  
6 POSITION HOUSING  
(COMPONENT SIDE OF BOARD)

2	G1
1	G2
	SHREV

REVISED NOTES EC NO: UCP2009-1244 DRAWN: KLOSTNER 2008/12/10 CHKD: JEBEL 2008/12/10 APPR: FBMITH 2008/12/10	DESCRIPTION
G2	REV

QUALITY SYMBOLS	▽=0	▽=0
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES ± ---	± ---	± ---
3 PLACES ± ---	± .010	± .010
2 PLACES ± 0.25	± .015	± .015
1 PLACE ± 0.38	± ---	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
IN/MM		1:1	INCH	
DRAWN BY	DATE	TITLE		
MUELLER	98/06/11	4, 6, & 8 CIRCUIT DUAL PORT SMT MODULAR JACK W/ FLUSH MOUNT NAILS		
CHECKED BY	DATE	MOLEX MOLEX INCORPORATED		
ROBERTS	98/06/16	SD-44193-001		
APPROVED BY	DATE	SHEET NO.		
EDGLEY	98/06/17	1 OF 2		
MATERIAL NO.		DOCUMENT NO.		
SEE SHT 2				
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