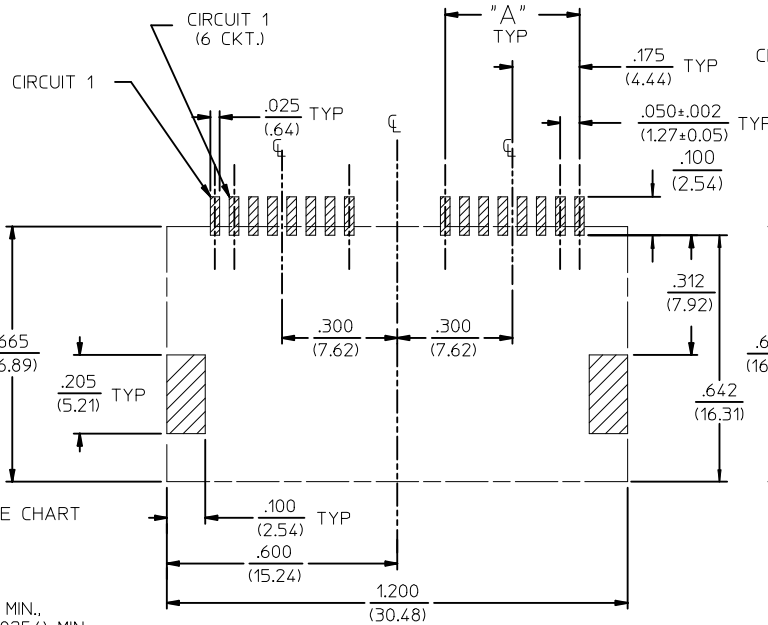
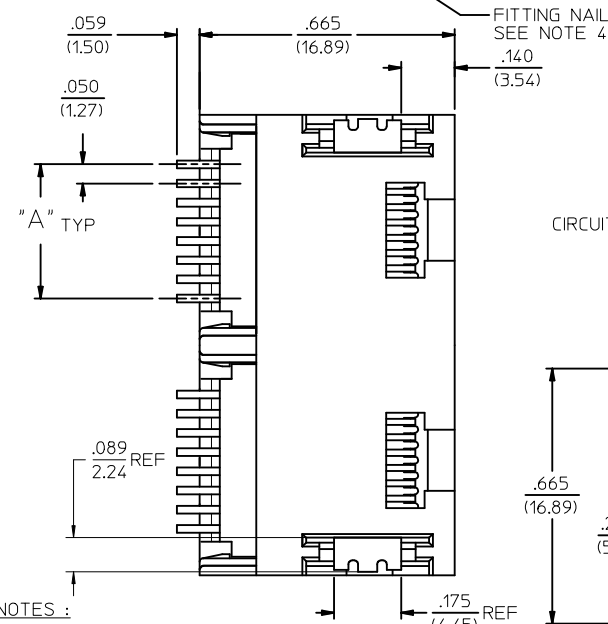
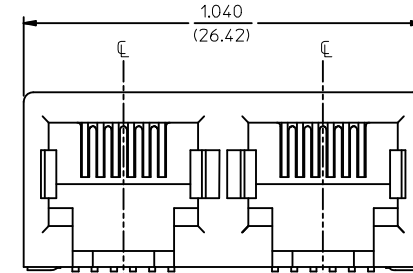
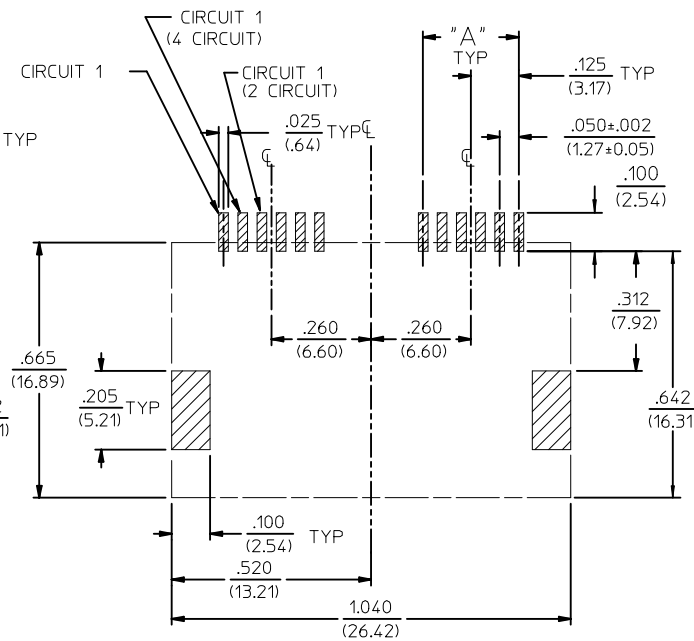




PC BOARD LAYOUT FOR
8 POSITION HOUSING
(COMPONENT SIDE OF BOARD)



6 CIRCUIT ASSEMBLY



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

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.

REVISED NOTES EC NO: UCP2009-1244 DRAWN: JKLUSTE/ER 2008/12/10 CHKD: J.BELL 2008/12/10 APPR: F33MITH 2008/12/10	DESCRIPTION
	QUALITY SYMBOLS
	▽=0
	▽=0
REV	G2

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± .025	± .015
1 PLACE ± .038	± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

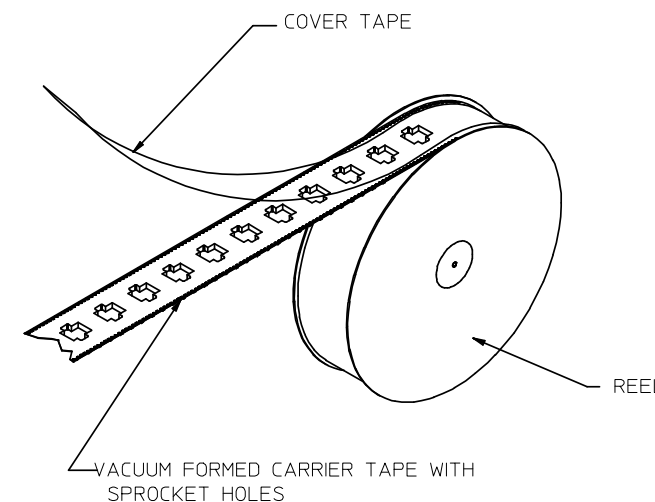
DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
MUELLER	98/06/11
CHECKED BY	DATE
ROBERTS	98/06/16
APPROVED BY	DATE
EDGLEY	98/06/17

SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
1:1	INCH	
TITLE		
4, 6, & 8 CIRCUIT DUAL PORT SMT MODULAR JACK W/ FLUSH MOUNT NAILS		
 MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-44193-001		1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

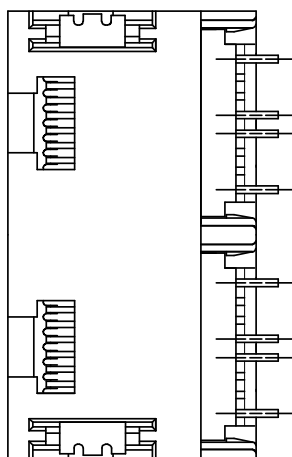
2	G1
1	G2
	SHREV

	13	12	11	10	9	8	7	6	5	4	3	2	1																						
	ASSEMBLY ITEM NO.	CONNECTOR SIZE	CIRCUIT SIZE	TERMINAL PLATING	TAPE & REEL PACKAGING NO.	VOIDED CIRCUITS	HOUSING COLOR																												
J	44193-0001	8	4	A	PK-70873-7004	NA	BLACK	<table><tr><th>HOUSING SIZE</th><th>CIRCUIT SIZE</th><th>DIM. A</th></tr><tr><td>6</td><td>6</td><td>.250 (6.35)</td></tr><tr><td>6</td><td>4</td><td>.150 (3.81)</td></tr><tr><td>6</td><td>2</td><td>.050 (1.27)</td></tr><tr><td>8</td><td>8</td><td>.350 (8.89)</td></tr><tr><td>8</td><td>6</td><td>.250 (6.35)</td></tr><tr><td>8</td><td>4</td><td>.150 (3.81)</td></tr></table>						HOUSING SIZE	CIRCUIT SIZE	DIM. A	6	6	.250 (6.35)	6	4	.150 (3.81)	6	2	.050 (1.27)	8	8	.350 (8.89)	8	6	.250 (6.35)	8	4	.150 (3.81)	J
HOUSING SIZE	CIRCUIT SIZE	DIM. A																																	
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8	4	.150 (3.81)																																	
	44193-0002	8	6	A	PK-70873-7004									I																					
I	44193-0003	8	8	A	PK-70873-7004									H																					
	44193-0004	6	4	A	PK-70873-7003										G																				
	44193-0005	6	6	A	PK-70873-7003											F																			
H	44193-0006	8	4	B	PK-70873-7004									COVER TAPE 																					
	44193-0007	8	6	B	PK-70873-7004																														
	44193-0008	8	8	B	PK-70873-7004																														
G	44193-0009	6	4	B	PK-70873-7003																														
	44193-0010	6	6	B	PK-70873-7003																														
	44193-0011	8	4	C	PK-70873-7004																														
F	44193-0012	8	6	C	PK-70873-7004																														
	44193-0013	8	8	C	PK-70873-7004																														
	44193-0014	6	4	C	PK-70873-7003																														
F	44193-0015	6	6	C	PK-70873-7003																														
	44193-0016	6	2	A	PK-70873-7003																														
	44193-0017	6	2	B	PK-70873-7003																														
	44193-0018	6	2	C	PK-70873-7003																														

HOUSING SIZE	CIRCUIT SIZE	DIM. A
6	6	.250 (6.35)
6	4	.150 (3.81)
6	2	.050 (1.27)
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)



TAPE AND REEL PACKAGING



TYPICAL VIEW SHOWING VOIDED CIRCUIT
(CIRCUITS 2,3,6,7 SHOWN VOIDED)

OBSOLETE 441930019	EC NO: UCP2008-1189	DRAWN: JELL	2007/11/30	2008/02/17	2008/02/10	2008/03/04	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
									mm	INCH	DRAWN BY MUELLER	DATE 98/06/11	TITLE 2 PORT SMT. JACK ASSY W/FLUSH MOUNT NAILS			
									4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	CHECKED BY ROBERTS	DATE 98/06/16				
									2 PLACES ± 0.25 ± .015	1 PLACE ± 0.38 ± ---	APPROVED BY EDGLEY	DATE 98/06/17	MOLEX MOLEX INCORPORATED			
									ANGULAR ±1/2°		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-44193-001				
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												