


- NOTES:
- MATERIAL:
HOUSING & INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .012/(0.30) THICK
FITTING NAILS: BRASS, .010/(0.25) THICK
 - FINISH:
TERMINALS:
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
 - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43743-0001.
 - PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES TO BE PACKAGED USING TAPE & REEL SYSTEM.
 - COPLANARITY SPECIFICATION:
WHEN AN ASSEMBLY IS PLACED UPON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND BOTH FITTING NAILS IS .006/(0.15).
 - 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 PARTS.
 - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

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

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

CORRECT NOTE # EC NO: UCP2013-4879 DR: NGUYEN CHKD: JELL APP: FSMITH 2013/05/31 2013/06/07 REV: G4	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESIGNATION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
			mm		INCH		DRAWN BY PEARSON	DATE 01/07/97	TITLE 4, 6 & 8 CIRCUIT DUAL PORT SMT MODJACK	
			4 PLACES ± --- ± ---		CHECKED BY MUELLER		DATE 01/07/97			
			3 PLACES ± --- ± .010		APPROVED BY FSMITH		DATE 2012/10/12			
			2 PLACES ± .025 ± .015		MATERIAL NO.		DOCUMENT NO.	SHEET NO. 1 OF 2		
			1 PLACE ± .38 ± ---		SEE CHART		SD-43841-001			
			0 PLACE ± --- ± ---		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			ANGULAR ±1/2°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

13	12	11	10	9	8	
ASSEMBLY ITEM NO.	CONNECTOR SIZE	CIRCUIT SIZE	TERMINAL PLATING	TAPE & REEL PACKAGING NO.	VOIDED CIRCUITS	
43841-0001	8	4	A	PK-70873-7004	NA	
43841-0002	8	6	A	PK-70873-7004		
43841-0003	8	8	A	PK-70873-7004		
43841-0004	6	4	A	PK-70873-7003		
43841-0005	6	6	A	PK-70873-7003		
43841-0006	8	4	B	PK-70873-7004		
43841-0007	8	6	B	PK-70873-7004		
43841-0008	8	8	B	PK-70873-7004		
43841-0009	6	4	B	PK-70873-7003		
43841-0010	6	6	B	PK-70873-7003		
43841-0011	8	4	C	PK-70873-7004		
43841-0012	8	6	C	PK-70873-7004		
43841-0013	8	8	C	PK-70873-7004		
43841-0014	6	4	C	PK-70873-7003		
43841-0015	6	6	C	PK-70873-7003		
43841-0016	6	2	A	PK-70873-7003		
43841-0017	6	2	B	PK-70873-7003		
43841-0018	6	2	C	PK-70873-7003		NA

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

VIEW SHOWING TYPICAL TERMINAL CUTOFF
OF TAIL (SEE NOTE 6) FOR VOIDED CIRCUITS.

SEE SHEET ONE

EC NO: UCP2013-4879

2013/05/31

DRWN:NGUYEN

2013/05/31

CHKD:JBELL

2013/06/07

APPR:FSMITH

REV

G4

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± .38	± .---
0 PLACE	± .---	± .---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY	PEARSON	DATE	01/07/97
CHECKED BY	MUELLER	DATE	01/07/97
APPROVED BY	FSMITH	DATE	2012/10/12

MATERIAL NO.

SEE CHART

SIZE

C

SCALE

2:1

DESIGN UNITS

INCH

THIRD ANGLE
PROJECTION

TITLE

4, 6 & 8 CIRCUIT
DUAL PORT SMT MODJACK

molex

MATERIAL NO.

DOCUMENT NO.

SD-43841-001

SHEET NO.

2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

43841-0008