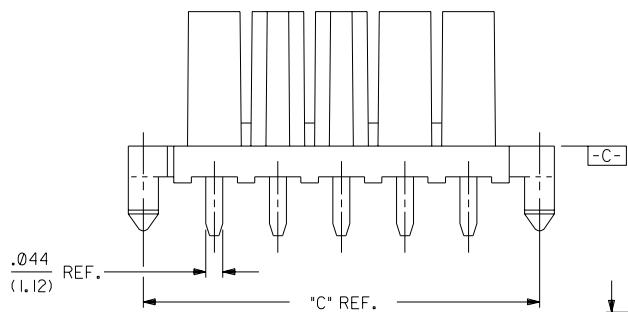
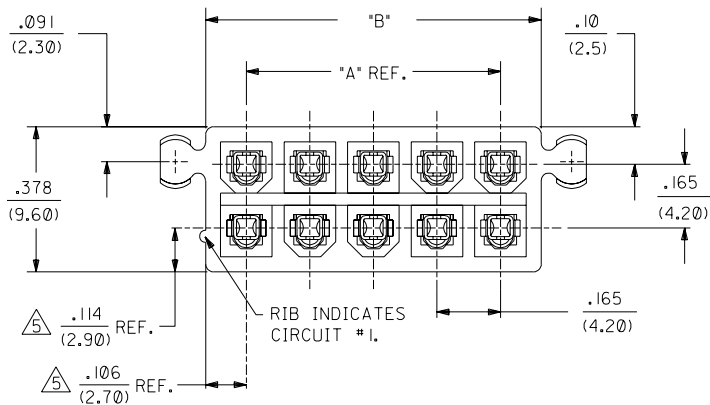
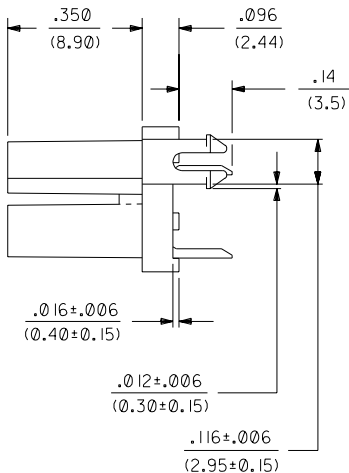


RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD



NOTES:

- HOUSING AND TERMINAL MATERIAL:
A - HOUSING: NYLON 6/6, U.L. 94V-2, COLOR: NATURAL. TERMINAL: BRASS, ALLOY 260.
B - HOUSING: NYLON 6/6, U.L. 94V-0, COLOR: NATURAL. TERMINAL: BRASS, ALLOY 260.
C - HOUSING: NYLON 6/6, U.L. 94V-2, COLOR: NATURAL. TERMINAL: PHOS. BRONZE, ALLOY 510.
D - HOUSING: NYLON 6/6, U.L. 94V-0, COLOR: NATURAL. TERMINAL: PHOS. BRONZE, ALLOY 510.
- PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 43879 AND 44068.
- PART IS DESIGNED IN METRIC.
- TERMINAL PLATING:
1 - .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(.00127) MIN. NICKEL.
*2 - .000030/(.00076) MIN. SELECT GOLD AND .000100/(.00254) MIN. SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
*3 - .000100/(.00254) MIN. TIN OVER .000050/(.00127) MIN. NICKEL.
*4 - .000050/(.00127) MIN. SELECT GOLD AND .000100/(.00254) MIN. SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
*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 PLATING.

- △ DIMENSION TO BE USED FOR ALIGNMENT OF CKT. #1 OF MATING CONNECTOR.
- 6) PHANTOM LINES INDICATE AREAS WHERE TERMINAL STANDOFFS CONTACT P.C. BOARD.
- △ A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT. A MAXIMUM TOLERANCE OF .020/(.51) ALLOWS FOR 4 POINTS OF CONTACT.
- 8) .016/(.40) MAX. BOW PER INCH ALLOWABLE AT DATUM [C-]
- 9) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING CONNECTOR.
- 10) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: SEE PS-5556-002
- 11) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 12) TRAY PACK PER PK-42385-999

LEGEND:

A - 42385 - * * *

BASE NUMBER

CIRCUIT SIZE (02-24)

HOUSING AND TERMINAL MATERIAL (SEE NOTE 1.)

PLATING (SEE NOTE 4.)

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .0005 50		▽ = 0 ▲ = 0 REVISE ONLY ON CAD SYSTEM	
3 PLACE ± .010 2 PLACE ± .015 ± .25 1 PLACE --- ± .38		TITLE RECEPTACLE HEADER ASSEMBLY (MINI-FIT B.M.I. SERIES)	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 4 DATE 12 / 9 / 88	
DRWG. BY RJF CHK'D. BY JTR APPROV. BY RAS SCALE 4: 1		PART NO. SEE SHT.3&4 FILE NAME 54-423851.DGN MFG. SH. REV. LTR. REVISIONS	
MOLEX INCORPORATED LITSE, ILL. 60532 U.S.A.		SDA-42385-*	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIV. CP	

A	B	C	D	E	F	G	H	I	J	K
	PART NUMBER	ENG. NUMBER	CKT. SIZE	HSG./TERM. MATERIAL	TERMINAL PLATING	PART NUMBER	ENG. NUMBER	CKT. SIZE	HSG./TERM. MATERIAL	TERM. PLATING
13	NO E.D.P.	A-42385-02A1	2	94V-2/BRASS	BRIGHT TIN OVER NICKEL	NO E.D.P.	A-42385-02B1	2	94V-0,BRASS	BRIGHT TIN OVER NICKEL
	15-24-7040	-04A1	4	▲	▲	15-24-7041	-04B1	4	▲	▲
	15-24-7060	-06A1	6			15-24-7061	-06B1	6		
12	NO E.D.P.	-08A1	8			NO E.D.P.	-08B1	8		
	15-24-7100	-10A1	10			15-24-7101	-10B1	10		
	NO E.D.P.	-12A1	12			NO E.D.P.	-12B1	12		
11	15-24-7140	-14A1	14			15-24-7141	-14B1	14		
	15-24-7160	-16A1	16			15-24-7161	-16B1	16		
	15-24-7180	-18A1	18			15-24-7181	-18B1	18		
10	NO E.D.P.	-20A1	20			NO E.D.P.	-20B1	20		
	NO E.D.P.	-22A1	22	▼	▼	NO E.D.P.	-22B1	22	▼	▼
	15-24-7240	A-42385-24A1	24	94V-2/BRASS	BRIGHT TIN OVER NICKEL	15-24-7241	A-42385-24B1	24	94V-0,BRASS	BRIGHT TIN OVER NICKEL
9	NO E.D.P.	A-42385-02A2	2	94V-2/BRASS	30 M.I. SEL. GOLD	NO E.D.P.	A-42385-02B2	2	94V-0,BRASS	30 M.I. SEL. GOLD
	15-24-7042	-04A2	4	▲	▲	15-24-7043	-04B2	4	▲	▲
	15-24-7062	-06A2	6			15-24-7063	-06B2	6		
8	NO E.D.P.	-08A2	8			NO E.D.P.	-08B2	8		
	15-24-7102	-10A2	10			15-24-7103	-10B2	10		
	NO E.D.P.	-12A2	12			NO E.D.P.	-12B2	12		
7	15-24-7142	-14A2	14			15-24-7143	-14B2	14		
	15-24-7162	-16A2	16			15-24-7163	-16B2	16		
	15-24-7182	-18A2	18			15-24-7183	-18B2	18		
6	NO E.D.P.	-20A2	20			NO E.D.P.	-20B2	20		
	NO E.D.P.	-22A2	22	▼	▼	NO E.D.P.	-22B2	22	▼	▼
	15-24-7242	A-42385-24A2	24	94V-2/BRASS	30 M.I. SEL. GOLD	15-24-7243	A-42385-24B2	24	94V-0,BRASS	30 M.I. SEL. GOLD
5	NO E.D.P.	A-42385-02C1	2	94V-2/P.B.	BRIGHT TIN OVER NICKEL	NO E.D.P.	A-42385-02D1	2	94V-0/P.B.	BRIGHT TIN OVER NICKEL
	15-24-7044	-04C1	4	▲	▲	NO E.D.P.	-04D1	4	▲	▲
	15-24-7064	-06C1	6			NO E.D.P.	-06D1	6		
4	NO E.D.P.	-08C1	8			NO E.D.P.	-08D1	8		
	15-24-7104	-10C1	10			NO E.D.P.	-10D1	10		
	NO E.D.P.	-12C1	12			NO E.D.P.	-12D1	12		
3	15-24-7144	-14C1	14			NO E.D.P.	-14D1	14		
	NO E.D.P.	-16C1	16			NO E.D.P.	-16D1	16		
	15-24-7184	-18C1	18			NO E.D.P.	-18D1	18		
2	NO E.D.P.	-20C1	20			NO E.D.P.	-20D1	20		
	NO E.D.P.	-22C1	22	▼	▼	NO E.D.P.	-22D1	22	▼	▼
	15-24-7244	A-42385-24C1	24	94V-2/P.B.	BRIGHT TIN OVER NICKEL	NO E.D.P.	A-42385-24D1	24	94V-0/P.B.	BRIGHT TIN OVER NICKEL
1	NO E.D.P.	A-42385-02C2	2	94V-2/P.B.	30 M.I. SEL. GOLD	NO E.D.P.	A-42385-02D2	2	94V-0/P.B.	30 M.I. SEL. GOLD
	NO E.D.P.	-04C2	4	▲	▲	NO E.D.P.	-04D2	4	▲	▲
	NO E.D.P.	-06C2	6			15-24-7067	-06D2	6		
42385	NO E.D.P.	-08C2	8			NO E.D.P.	-08D2	8		
	NO E.D.P.	-10C2	10			NO E.D.P.	-10D2	10		
	NO E.D.P.	-12C2	12			NO E.D.P.	-12D2	12		
4	NO E.D.P.	-14C2	14			NO E.D.P.	-14D2	14		
	NO E.D.P.	-16C2	16			NO E.D.P.	-16D2	16		
	NO E.D.P.	-18C2	18			15-24-7187	-18D2	18		
3	NO E.D.P.	-20C2	20			NO E.D.P.	-20D2	20		
	NO E.D.P.	-22C2	22	▼	▼	NO E.D.P.	-22D2	22	▼	▼
	NO E.D.P.	A-42385-24C2	24	94V-2/P.B.	30 M.I. SEL. GOLD	15-24-7247	A-42385-24D2	24	94V-0/P.B.	30 M.I. SEL. GOLD
2	NO E.D.P.	A-42385-02A1	2	94V-2/BRASS	BRIGHT TIN OVER NICKEL	NO E.D.P.	A-42385-02B1	2	94V-0,BRASS	BRIGHT TIN OVER NICKEL
	15-24-7040	-04A1	4	▲	▲	15-24-7041	-04B1	4	▲	▲
	15-24-7060	-06A1	6			15-24-7061	-06B1	6		
1	NO E.D.P.	-08A1	8			NO E.D.P.	-08B1	8		
	15-24-7100	-10A1	10			15-24-7101	-10B1	10		
	NO E.D.P.	-12A1	12			NO E.D.P.	-12B1	12		
42385	15-24-7140	-14A1	14			15-24-7141	-14B1	14		
	15-24-7160	-16A1	16			15-24-7161	-16B1	16		
	15-24-7180	-18A1	18			15-24-7181	-18B1	18		
4	NO E.D.P.	-20A1	20			NO E.D.P.	-20B1	20		
	NO E.D.P.	-22A1	22	▼	▼	NO E.D.P.	-22B1	22	▼	▼
	15-24-7240	A-42385-24A1	24	94V-2/BRASS	BRIGHT TIN OVER NICKEL	15-24-7241	A-42385-24B1	24	94V-0,BRASS	BRIGHT TIN OVER NICKEL
3	NO E.D.P.	A-42385-02A2	2	94V-2/BRASS	30 M.I. SEL. GOLD	NO E.D.P.	A-42385-02B2	2	94V-0,BRASS	30 M.I. SEL. GOLD
	15-24-7042	-04A2	4	▲	▲	15-24-7043	-04B2	4	▲	▲
	15-24-7062	-06A2	6			15-24-7063	-06B2	6		
2	NO E.D.P.	-08A2	8			NO E.D.P.	-08B2	8		
	15-24-7102	-10A2	10			15-24-7103	-10B2	10		
	NO E.D.P.	-12A2	12			NO E.D.P.	-12B2	12		
1	15-24-7142	-14A2	14			15-24-7143	-14B2	14		
	15-24-7162	-16A2	16			15-24-7163	-16B2	16		
	15-24-7182	-18A2	18			15-24-7183	-18B2	18		
42385	NO E.D.P.	-20A2	20			NO E.D.P.	-20B2	20		
	NO E.D.P.	-22A2	22	▼	▼	NO E.D.P.	-22B2	22	▼	▼
	15-24-7242	A-42385-24A2	24	94V-2/BRASS	30 M.I. SEL. GOLD	15-24-7243	A-42385-24B2	24	94V-0,BRASS	30 M.I. SEL. GOLD
4	NO E.D.P.	A-42385-02C1	2	94V-2/P.B.	BRIGHT TIN OVER NICKEL	NO E.D.P.	A-42385-02D1	2	94V-0/P.B.	BRIGHT TIN OVER NICKEL
	15-24-7044	-04C1	4	▲	▲	NO E.D.P.	-04D1	4	▲	▲
	15-24-7064	-06C1	6			NO E.D.P.	-06D1	6		
4	NO E.D.P.	-08C1	8			NO E.D.P.	-08D1	8		
	15-24-7104	-10C1	10			NO E.D.P.	-10D1	10		
	NO E.D.P.	-12C1	12			NO E.D.P.	-12D1	12		
4	15-24-7144	-14C1	14			NO E.D.P.	-14D1	14		
	NO E.D.P.	-16C1	16			NO E.D.P.	-16D1	16		
	15-24-7184	-18C1	18			NO E.D.P.	-18D1	18		
4	NO E.D.P.	-20C1	20			NO E.D.P.	-20D1	20		
	NO E.D.P.	-22C1	22	▼	▼	NO E.D.P.	-22D1	22	▼	▼
	15-24-7244	A-42385-24C1	24	94V-2/P.B.	BRIGHT TIN OVER NICKEL	NO E.D.P.	A-42385-24D1	24	94V-0/P.B.	BRIGHT TIN OVER NICKEL
4	NO E.D.P.	A-42385-02C2	2	94V-2/P.B.	30 M.I. SEL. GOLD	NO E.D.P.	A-42385-02D2	2	94V-0/P.B.	30 M.I. SEL. GOLD
	NO E.D.P.	-04C2	4	▲	▲	NO E.D.P.	-04D2	4	▲	▲
	NO E.D.P.	-06C2	6			15-24-7067	-06D2	6		
4	NO E.D.P.	-08C2	8			NO E.D.P.	-08D2	8		
	NO E.D.P.	-10C2	10			NO E.D.P.	-10D2	10		
	NO E.D.P.	-12C2	12			NO E.D.P.	-12D2	12		
4	NO E.D.P.	-14C2	14			NO E.D.P.	-14D2	14		
	NO E.D.P.	-16C2	16			NO E.D.P.	-16D2	16		
	NO E.D.P.	-18C2	18			15-24-7187	-18D2	18		
4	NO E.D.P.	-20C2	20			NO E.D.P.	-20D2	20		
	NO E.D.P.	-22C2	22	▼	▼	NO E.D.P.	-22D2	22	▼	▼
	NO E.D.P.	A-42385-24C2	24	94V-2/P.B.	30 M.I. SEL. GOLD	15-24-7247	A-42385-24D2	24	94V-0/P.B.	30 M.I. SEL. GOLD

W
VI
T6
T4
T1
S
R3
LTR,

SEE SHT. I.
SEE SHT. I.
SEE SHT. I.
SEE SHT. I.
SEE SHT. I.
SEE SHT. I.
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SEE SHT. I.
SEE SHT. I.
SEE SHT. I.
SEE SHT. I.

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
5 PLACE	± ---	---
2 PLACE	± ---	± ---
1 PLACE	--- ±	---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DWG. BY	RJF	CHK'D. BY	JTR
APP'D. BY	RAS	SCALE	:

▽ = 0
◀ = 0

REVISE ONLY ON CAD SYSTEM

MOLEX

FILE NAME
SA423853
SDA

PART NO.
SEE CHART.

DWG. NO.
SDA-42385-*

MOLEX INCORPORATED
U.S.A.

SHEET NO.
3

DATE
12 / 9 / 88

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DEV. SIZE
CO I C