Jameco Part Number 793565

FEATURES AND SPECIFICATIONS

4.20mm (.165") Pitch Mini-Fit, BMI™ Header

42404/43759

Right Angle Dual Row

Features and Benefits

- Positive housing locks to mate with Mini-Fit, Jr. receptacles
- Fully isolated terminals to protect contacts from damage
- Mini-Fit, BMI connectors have the capability of being selectively loaded with longer pins for grounding
- 43759 is a first-mate/last-break header

Reference Information

Product Specification: PS-5556-0002
Packaging: Tray and bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 42385, 42474, 44475 and 5557 dual row receptacles
Use With: Standard Mini-Fit terminals
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Circuits	2–3	4–6	7–10	12–24
Amperes-BMI	9	8	7	6
Amperes-BMI with HCS	12	11	10	9

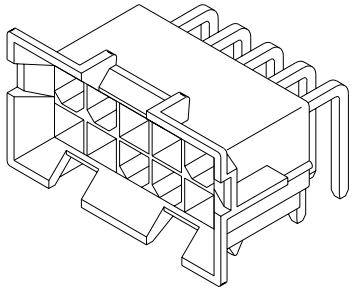
Contact Resistance: 10mΩ max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 1000 MΩ min.

Mechanical

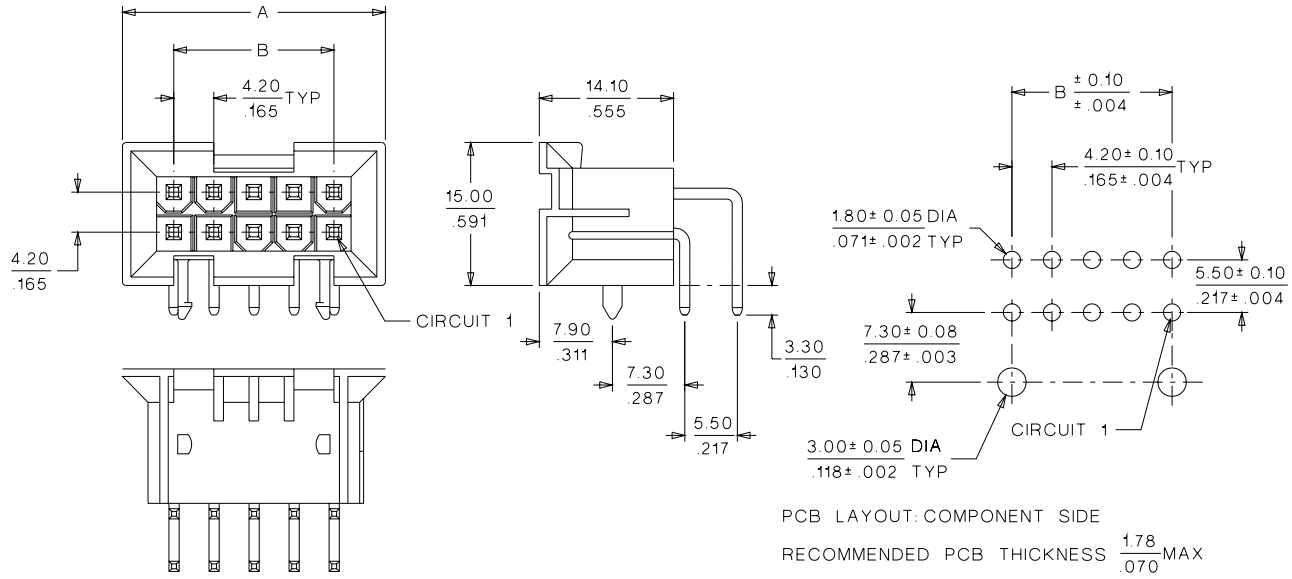
Insertion Force to PCB: 5.0kg max.
Mating Force: 0.7kg (1.54 lb) max.
Unmating Force: 0.35kg (0.7 lb) min.
Normal Force: 200g min.
Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin, select Gold or overall Gold
Operating Temperature: -40 to +105˚C



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.				Dimension	
	Tin Plated		Gold Plated		A	B
	94V-2	94V-0	94V-2	94V-0		
4	• 15-24-6040	• 15-24-9044	• 15-24-9043	• 15-24-9045	15.00 (.590)	4.20 (.165)
6	• 15-24-6060	• 15-24-9064	• 15-24-9063	• 15-24-9065	19.20 (.760)	8.40 (.331)
10	• 15-24-6100	• 15-24-9104	• 15-24-9103	• 15-24-9105	27.60 (1.090)	16.80 (.661)
14	• 15-24-6140	• 15-24-9144	• 15-24-9143	• 15-24-9145	36.00 (1.420)	25.20 (.992)
16		• 15-24-9164		• 15-24-9165	40.20 (1.580)	29.40 (1.157)
18	• 15-24-6180	• 15-24-9184	• 15-24-9183	• 15-24-9185	44.40 (1.750)	33.60 (1.323)
24	• 15-24-6240	• 15-24-9244	• 15-24-9243	• 15-24-9245	57.00 (2.240)	46.20 (1.819)
36	• 43759-0001				82.20 (3.240)	71.40 (2.811)

• US Standard Product, available through Molex franchised distributors

MINI-FIT BMI

1.0 SCOPE

This Product Specification covers performance requirements for the MINI-FIT BMI 4.20 mm (.165 inch) centerline (pitch) printed circuit board (PCB) connector series with Tin or Gold plating, and The MINI-FIT BMI connector series terminated with 16 to 28 AWG wire using Crimp technology with Tin or Gold plating.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBER (S)

PRODUCT NAME	PART NUMBER
Female Crimp Terminal	5556-****
Male Crimp Terminal	5558-****
Receptacle Housing	42474-****
Plug Housing	42475-****
Vertical Header Assembly	42440-****
Right Angle Header Assembly	42404-****
Receptacle Header Assembly	42385-****
Plug Housing	43588-06*1
Right Angle Header Assembly	44499-****

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

See the appropriate sales drawings for the information on dimensions, materials, platings and markings.

2.3 SAFETY AGENCY APPROVALS

UL File: E29179
CSA Certificate: LR 19980
TUV Certificate: R75142-8

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See sales drawings and the other sections of this specification for the necessary referenced documents and specifications

4.0 RATINGS

4.1 VOLTAGE

600 Volts AC (RMS) (or 600 Volts DC)

4.2 CURRENT AND APPLICABLE WIRES

Maximum Insulation Diameter and Applicable Wire Gauges	16 AWG: 3.10/. 122 MAXIMUM
	18-24 AWG: 3.10/. 122 MAXIMUM
	22-28 AWG: 1.80/. 071 MAXIMUM

4.2 CURRENT AND APPLICABLE WIRES (continued)

MAXIMUM CURRENT RATING (Amperes)									
Brass					Phosphor Bronze				
Wire \ Ckt. Size	2 & 3	4 - 6	7 - 10	12 - 24	Wire \ Ckt. Size	2 & 3	4 - 6	7 - 10	12 - 24
AWG #16	9	8	7	6	AWG #16	8	7	6	5
AWG #18	9	8	7	6	AWG #18	8	7	6	5
AWG #20	7	6	5	5	AWG #20	6	5	4	4
AWG #22	5	4	4	4	AWG #22	4	3	3	3
AWG #24	4	3	3	3	AWG #24	3	2	2	2
AWG #26	3	2	2	2	AWG #26	2	1	1	1
AWG #28	2	1	1	1	AWG #28	1	1	1	1

4.3 TEMPERATURE

Operating: * - 40°C to + 105°C
Nonoperating: - 40°C to + 105°C
**Including 30°C terminal temperature at rated current*

5.0 PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	**Contact Resistance (Low Level)**	Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA. Wire resistance shall be removed from the measured value.	10 milliohms MAXIMUM [initial]
2	**Contact Resistance @ Rated Current**	Mate connectors: apply a maximum voltage of 20 mV at rated current.	10 milliohms MAXIMUM [initial]
3	**Contact Resistance of Wire Termination (Low Level)**	Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA.	5 milliohms MAXIMUM [initial]

4	**Insulation Resistance**	Mate connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	1000 Megohms MINIMUM

5.1 ELECTRICAL REQUIREMENTS (continued)

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
5	**Dielectric Withstanding Voltage**	Mate connectors: apply a voltage of 1500 VAC for 1 minute between adjacent terminals and between terminals to ground.	No breakdown. Current leakage < 5 mA
6	**Temperature Rise (via Current Cycling)**	Mate connectors. Measure the temperature rise at the rated current after 96 hours, during current cycling (45 minutes ON and 15 minutes OFF per hour) for 240 hours, and after final 96-hour steady state.	Temperature rise: +30°C MAXIMUM

5.2 MECHANICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	**Terminal Mate and Unmate Forces**	Insert and withdraw terminal (male to female) at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	14.7 N (3.30 lbf) MAXIMUM insertion force & 1.0 N (0.02 lbf) MINIMUM withdrawal force
2	**Crimp Terminal Retention Force (in Housing)**	Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	30 N (6.74 lbf) MINIMUM retention force
3	**Terminal Pin to Header Retention Force**	Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	4.45 N (1.00 lbf) MINIMUM retention force
4	**Durability**	Mate connectors up to 30 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.	20 milliohms MAXIMUM
5	**Vibration (Random)**	Mate connectors and vibrate per EIA 364-28, test condition VII.	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond
6	**Shock (Mechanical)**	Mate connectors and shock at 50 g's with ½ sine wave (11 milliseconds) shocks in the ±X, ±Y, ±Z axes, (18 shocks total).	20 milliohms MAXIMUM & Discontinuity < 1 microsecond

5.2 MECHANICAL REQUIREMENTS (continued)

7	**Wire Pullout Force (Axial)**	Apply an axial pullout force on the wire at a rate of 25 ± 6 mm (1 ± ¼ inch).	16 Awg = 88.0 N (19.8 lbf) Min. 18 Awg = 88.0 N (19.8 lbf) Min. 20 Awg = 59.0 N (13.3 lbf) Min. 22 Awg = 39.0 N (8.78 lbf) Min. 24 Awg = 29.0 N (6.52 lbf) Min. 26 Awg = 19.0 N (4.27 lbf) Min. 28 Awg = 9.80 N (2.20 lbf) Min.
8	**Crimp Terminal Insertion Force (into Housing)**	Apply an axial insertion force on the terminal at a rate of 25 ± 6 mm (1 ± ¼ inch).	15.0 N (3.37 lbf) MAXIMUM insertion force
9	**Normal Force**	Apply a perpendicular force.	0.49 N (50 grams) MINIMUM [Gold (noble) plating] OR 1.47 N (150 grams) MINIMUM [Tin (non-noble) plating]
10	**PCB Engagement and Separation Forces**	Engage and separate a connector at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Applies to parts with PCB retention features only)	49.0 N (11.0 lbf) MAXIMUM insertion force & 10.0 N (2.24 lbf) MINIMUM withdrawal force
11	**Panel Insertion and Withdrawal Forces**	Insert and withdraw a connector at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Applies to parts with panel retention features only)	225 N (50.7 lbf) MAXIMUM insertion force & 157 N (35.3 lbf) MINIMUM withdrawal force

5.3 ENVIRONMENTAL REQUIREMENTS

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	**Thermal Shock**	Mate connectors: expose for 5 cycles between temperatures -55 and 105°C; dwell 0.5 hours at each temperature.	20 milliohms MAXIMUM Visual: No Damage Dielectric Strength per 5.1.5 Insulation Resistance per 5.1.4
2	**Thermal Aging**	Mate connectors; expose to: 96 hours at 105 ± 2°C	20 milliohms MAXIMUM & Visual: No Damage

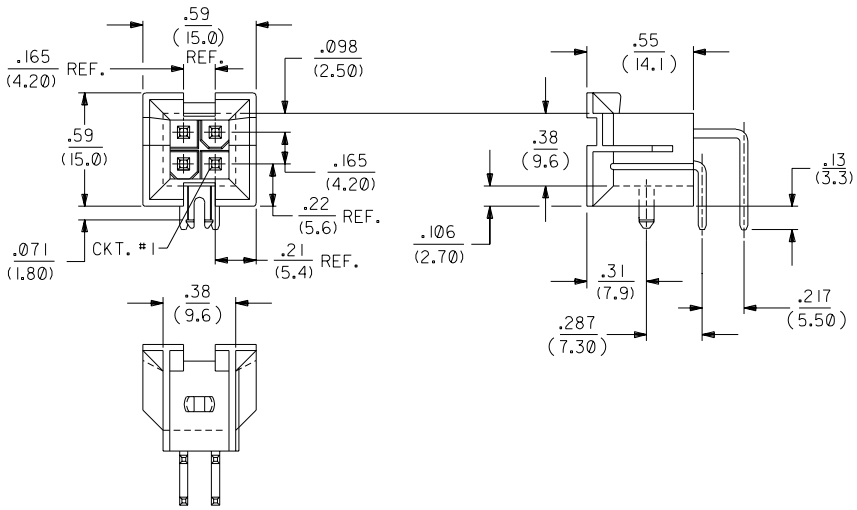
3	**Humidity (Steady State)**	Mate connectors: expose to a temperature of 60 ± 2°C with a relative humidity of 90-95% for 96 hours.	20 milliohms MAXIMUM Dielectric Strength per 5.1.5 Insulation Resistance per 5.1.4 Visual: No Damage

5.3 ENVIRONMENTAL REQUIREMENTS (continued)

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
4	**Solderability**	Per SMES-152	Solder coverage: 95% MINIMUM (per SMES-152)
5	**Solder Resistance**	Dip connector terminal tails in solder: Solder Duration: 5 ± 0.5 seconds; Solder Temperature: 235 ± 5°C	Visual: No Damage to insulator material
6	**Cold Resistance**	Mate connectors: Duration: 96 hours; Temperature: -40 ± 3°C	20 milliohms MAXIMUM Visual: No Damage
7	**Corrosive Atmosphere: Sulfur Dioxide Gas (SO_2)**	Mate connectors: Duration: 24 hours exposure. Atmosphere: 50 parts per million (ppm) SO_2 Gas. Temperature: 40 ± 3°C	20 milliohms MAXIMUM Visual: No damage

6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.



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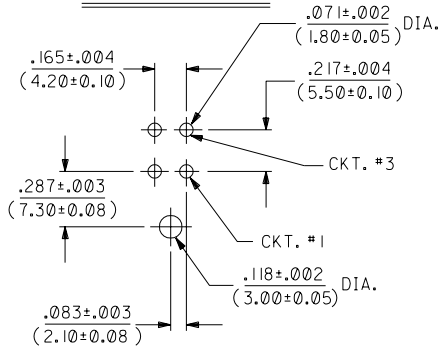
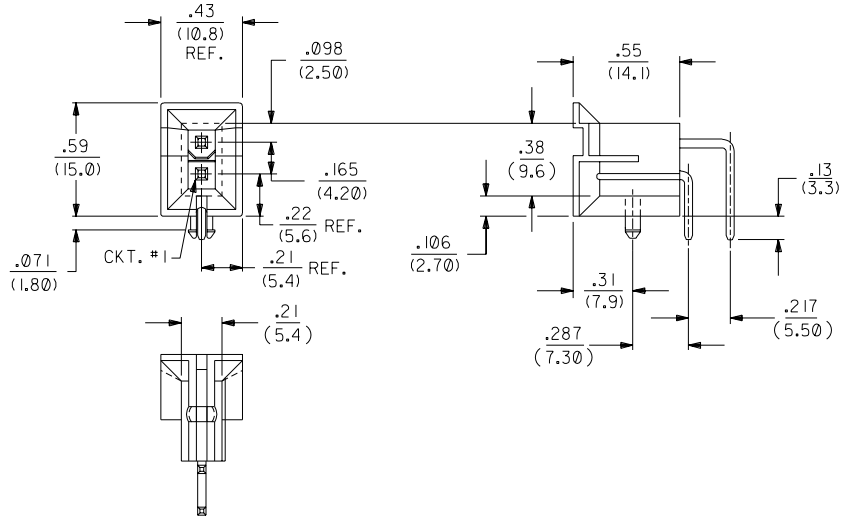


RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
SHOWN FROM COMPONENT SIDE
(SEE NOTE 5 SHT. 1)



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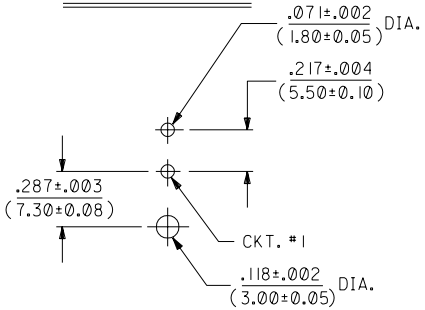
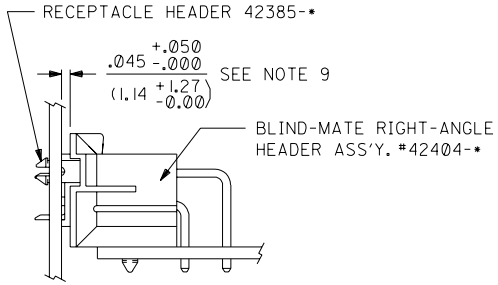


RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
SHOWN FROM COMPONENT SIDE
(SEE NOTE 5 SHT. 1)



PANEL-TO-P.C.BOARD

MFG.	SH.	REV.	LTR.	REVISIONS
		A1		SEE SHEET 1
		A		SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± DEC

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .015	± 0.25
1 PLACE	---	± 0.38

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: MINI-FIT JR., 2 THRU 24 CKT. RIGHT ANGLE HEADER ASS'Y (BLIND-MATE)

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 2 | DATE 07/27/04

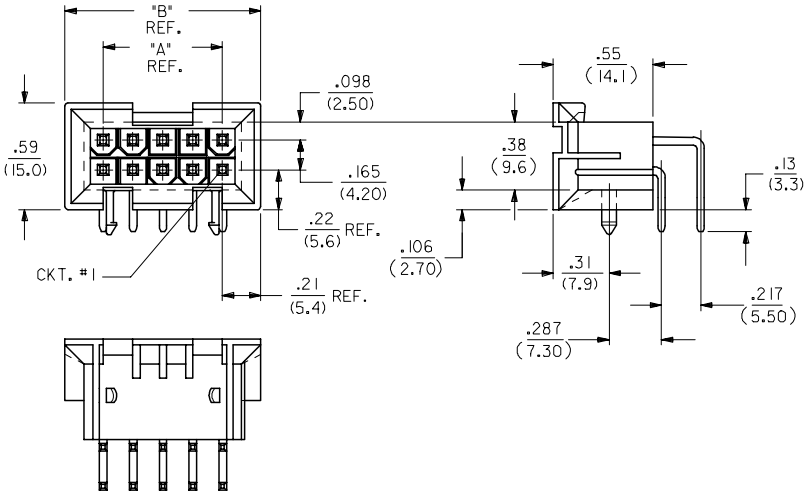
PART NO. SEE SHEET 3 | DRWG. NO. SD-42404-900

DRWG. BY	CHK'D. BY	FILE NAME
CLS	GEP	
APP'D. BY	SCALE	
YM	2 : 1	

DIV. CP | SIZE C

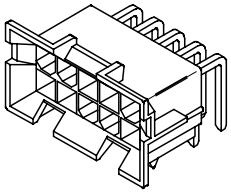
42404

CIRCUIT SIZE	DIM. "A"	DIM. "B"
6	.331 (8.40)	.76 (19.2)
8	.496 (12.60)	.92 (23.4)
10	.661 (16.80)	1.09 (27.6)
12	.827 (21.00)	1.25 (31.8)
14	.992 (25.20)	1.42 (36.0)
16	1.157 (29.40)	1.58 (40.2)
18	1.323 (33.60)	1.75 (44.4)
20	1.488 (37.80)	1.91 (48.6)
22	1.654 (42.00)	2.08 (52.8)
24	1.819 (46.20)	2.24 (57.0)



NOTES:

1) HOUSING MATERIAL: "A" = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL.
   "B" = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL.
2) TERMINAL MATERIAL: BRASS, ALLOY 260.
3) 4-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPTACLES #5557, #42385 AND #42474. 2 CKT. PART MATES WITH #42385 AND #42474 ONLY.
4) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
5) TERMINAL PLATING:
   1 = .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
   2 = .000030/(.00076) MIN. GOLD OVER .000050/(.00127) MIN. NICKEL OVERALL.
   *3 = .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
   4 = .000050/(.00127) MIN. GOLD OVER .000050/(.00127) MIN. NICKEL OVERALL.
   5 = .000030/(.00076) MIN. GOLD AND .000100/(.00254) MIN. 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.
6) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: SEE PS-5556-002
7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
8) 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.
9) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY..
10) PART IS NOT DESIGNED FOR CURRENT SHARING.



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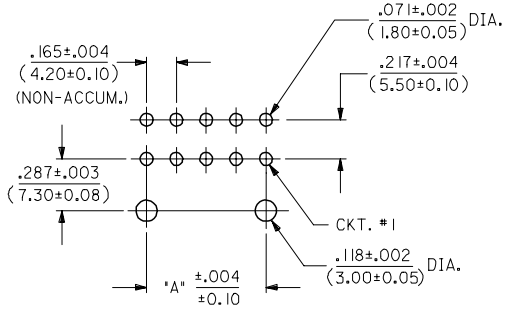


RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE

LEGEND:

A-42404-****

- BASE NUMBER:
- CKT. SIZE: (02-24)
- HOUSING MAT'L: (SEE NOTE 1)
- TERMINAL PLATING: (SEE NOTE 5)

-**B2, _**B4	42474-**21, 5556-PBGS*P	94V-0	PHOS. BRZ.	GOLD
-**A2, _**A4	42474-**11, 5556-PBGS*P	94V-2		
-**B1, _**B3	42474-**21, 5556-PBS*P	94V-0		TIN
-**A1, -**A3	42474-**11, 5556-PBS*P	94V-2		
-**B2, _**B4	42474-**21, 5556-GS*P	94V-0	BRASS	GOLD
-**A2, _**A4	42474-**11, 5556-GS*P	94V-2		
-**B1, _**B3	42474-**21, 5556-S*P	94V-0		TIN
-**A1, -**A3	42474-**11, 5556-S*P	94V-2		
-**B2, _**B4	A-42385-**D2	94V-0	PHOS. BRZ.	GOLD
-**A2, _**A4	A-42385-**C2	94V-2		
-**B1, _**B3	A-42385-**D1	94V-0		TIN
-**A1, -**A3	A-42385-**C1	94V-2		
-**B2, _**B4	A-42385-**B2	94V-0	BRASS	GOLD
-**A2, _**A4	A-42385-**A2	94V-2		
-**B1, _**B3	A-42385-**B1	94V-0		TIN
-**A1, -**A3	A-42385-**A1	94V-2		
R.A. HEADER A-42404	MATING CONNECTOR	HSG. MAT'L.	TERM. MAT'L.	PLATING
		MATING CONNECTOR FEATURES		

REV	DESCRIPTION	DRWN	CHKD	APPR	EC NO
R	ADDED SHEET 4	ADRAINOL	GPOLGAR	JCOMERCI	UCP2006-1780
		2006/02/03	2006/02/03	2006/02/06	

QUALITY SYMBOLS: ▼=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM | SCALE: 2:1 | DESIGN UNITS: METRIC | THIRD ANGLE PROJECTION

DRAWN BY	RWK	DATE 2/7/89
CHECKED BY	RJF	DATE 2/7/89
APPROVED BY	RAS	DATE 2/7/89

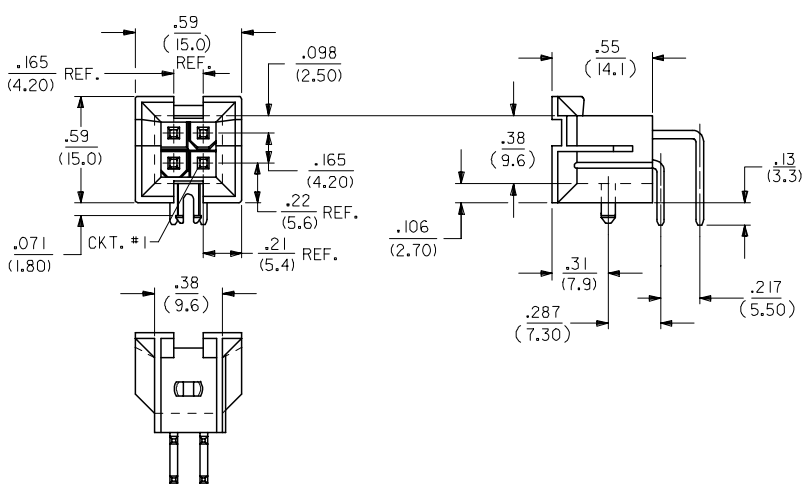
TITLE: MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)

MOLEX INCORPORATED

MATERIAL NO.: SEE SHTS 3&4 | DOCUMENT NO.: SDA-42404-**** | SHEET NO.: 1 OF 4

SIZE C

SHT	REV.
4	R
3	R
2	R
1	R



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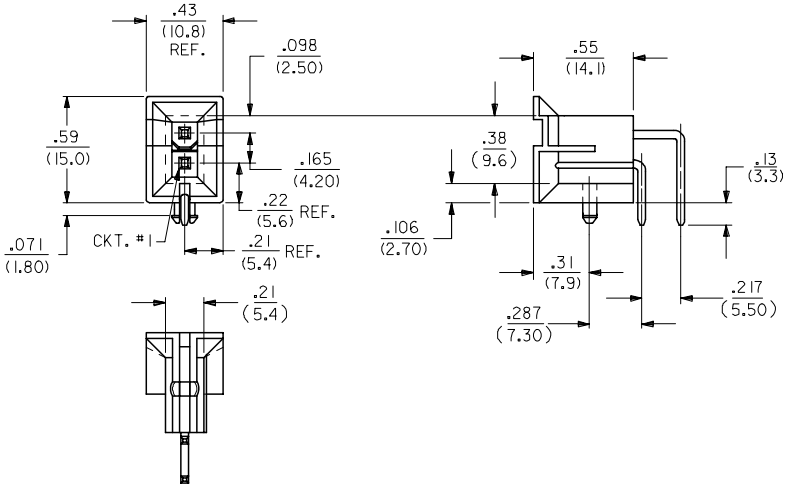

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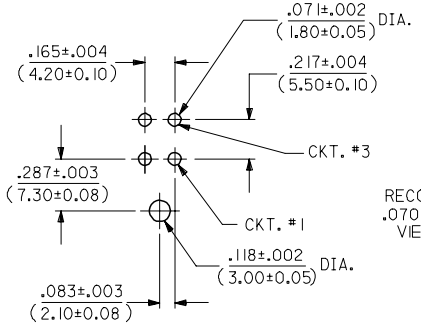
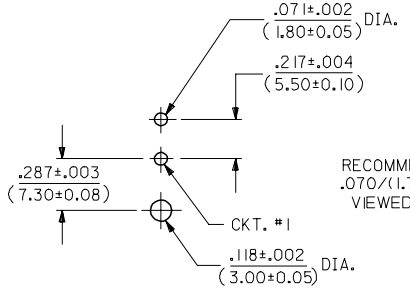
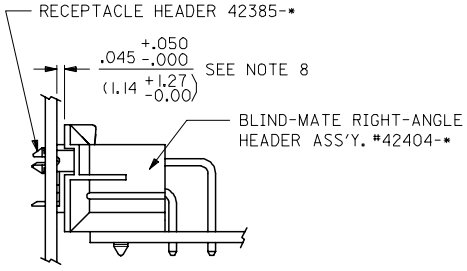


RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE



SEE SHEET 1
EC NO: UCP2006-1780 2006/02/03
DRWN:ADRAINOL 2006/02/03
CH'KD:GPOLGAR 2006/02/06
APPR:JCOMERCI
DESCRIPTION
REV
R

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .01
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RWK DATE: 1989/02/07
CHECKED BY: RJF DATE: 1989/02/07
APPROVED BY: RAS DATE: 1989/02/07

TITLE: MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)

MOLEX INCORPORATED

MATERIAL NO.: SEE SHTS 3&4
DOCUMENT NO.: SDA-42404-****
SHEET NO.: 2 OF 4
SIZE: C

PART NUMBER	ENG. NUMBER	CKT. SIZE	HOUSING MATERIAL	PLATING (NOTE 5)
15-24-9245	A-42404-24B2	24	94V-0	30 M.I. GOLD
NOT TOOLED	-22B2	22		
NOT TOOLED	-20B2	20		
15-24-9185	-18B2	18		
15-24-9165	-16B2	16		
15-24-9145	-14B2	14		
NOT TOOLED	-12B2	12		
15-24-9105	-10B2	10		
NOT TOOLED	-08B2	8		
15-24-9065	-06B2	6		
15-24-9045	-04B2	4		
NOT TOOLED	A-42404-02B2	2	94V-0	30 M.I. GOLD
15-24-9244	A-42404-24B1	24	94V-0	TIN OVER NICKEL
NOT TOOLED	-22B1	22		
NOT TOOLED	-20B1	20		
15-24-9184	-18B1	18		
15-24-9164	-16B1	16		
15-24-9144	-14B1	14		
NOT TOOLED	-12B1	12		
15-24-9104	-10B1	10		
NOT TOOLED	-08B1	8		
15-24-9064	-06B1	6		
15-24-9044	-04B1	4		
NOT TOOLED	A-42404-02B1	2	94V-0	TIN OVER NICKEL
15-24-9243	A-42404-24A2	24	94V-2	30 M.I. GOLD
NOT TOOLED	-22A2	22		
NOT TOOLED	-20A2	20		
15-24-9183	-18A2	18		
NOT TOOLED	-16A2	16		
15-24-9143	-14A2	14		
NOT TOOLED	-12A2	12		
15-24-9103	-10A2	10		
NOT TOOLED	-08A2	8		
15-24-9063	-06A2	6		
15-24-9043	-04A2	4		
NOT TOOLED	A-42404-02A2	2	94V-2	30 M.I. GOLD
15-24-6240	A-42404-24A1	24	94V-2	TIN OVER NICKEL
NOT TOOLED	-22A1	22		
NOT TOOLED	-20A1	20		
15-24-6180	-18A1	18		
NOT TOOLED	-16A1	16		
15-24-6140	-14A1	14		
NOT TOOLED	-12A1	12		
15-24-6100	-10A1	10		
NOT TOOLED	-08A1	8		
15-24-6060	-06A1	6		
15-24-6040	-04A1	4		
NOT TOOLED	A-42404-02A1	2	94V-2	TIN OVER NICKEL

PART NUMBER	ENG. NUMBER	CKT. SIZE	HOUSING MATERIAL	PLATING (NOTE 5)
NOT TOOLED	A-42404-02A3	2	94V-2	TIN-LEAD/ NICKEL
NOT TOOLED	-04A3	4		
NOT TOOLED	-06A3	6		
NOT TOOLED	-08A3	8		
NOT TOOLED	-10A3	10		
NOT TOOLED	-12A3	12		
NOT TOOLED	-14A3	14		
NOT TOOLED	-16A3	16		
NOT TOOLED	-18A3	18		
NOT TOOLED	-20A3	20		
NOT TOOLED	-22A3	22		
NOT TOOLED	A-42404-24A3	24	94V-2	TIN-LEAD/ NICKEL
NOT TOOLED	A-42404-02A4	2	94V-2	50 M.I. GOLD
15-24-9046	-04A4	4		
NOT TOOLED	-06A4	6		
NOT TOOLED	-08A4	8		
NOT TOOLED	-10A4	10		
NOT TOOLED	-12A4	12		
NOT TOOLED	-14A4	14		
NOT TOOLED	-16A4	16		
NOT TOOLED	-18A4	18		
NOT TOOLED	-20A4	20		
NOT TOOLED	-22A4	22		
NOT TOOLED	A-42404-24A4	24	94V-2	50 M.I. GOLD
NOT TOOLED	A-42404-02B4	2	94V-0	50 M.I. GOLD
NOT TOOLED	-04B4	4		
NOT TOOLED	-06B4	6		
NOT TOOLED	-08B4	8		
NOT TOOLED	-10B4	10		
NOT TOOLED	-12B4	12		
NOT TOOLED	-14B4	14		
NOT TOOLED	-16B4	16		
NOT TOOLED	-18B4	18		
NOT TOOLED	-20B4	20		
NOT TOOLED	-22B4	22		
NOT TOOLED	A-42404-24B4	24	94V-0	50 M.I. GOLD
NOT TOOLED	A-42404-02B3	2	94V-0	30 M.I. GOLD
NOT TOOLED	-04B3	4		
NOT TOOLED	-06B3	6		
NOT TOOLED	-08B3	8		
NOT TOOLED	-10B3	10		
NOT TOOLED	-12B3	12		
NOT TOOLED	-14B3	14		
NOT TOOLED	-16B3	16		
NOT TOOLED	-18B3	18		
NOT TOOLED	-20B3	20		
NOT TOOLED	-22B3	22		
NOT TOOLED	A-42404-24B3	24	94V-0	30 M.I. GOLD

SEE SHEET 1

EC NO: UCP2006-1780

REV	DESCRIPTION	
R	DRWN:ADRATNOL	2006/02/03
	CHKD:GPOLGAR	2006/02/03
	APPR:JCOMERCI	2006/02/06

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR	±1/2°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM

		DATE
DRAWN BY	RWK	1989/02/08
CHECKED BY	RJF	1989/02/08
APPROVED BY	RAS	1989/02/08
MATERIAL NO.	SEE CHARTS	

SCALE: ---

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

TITLE: MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)

molex MOLEX INCORPORATED

DOCUMENT NO. SDA-42404-****

SHEET NO. 3 OF 4

SIZE C