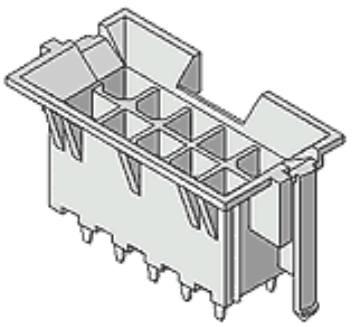
This document was generated on 05/11/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0015246102

Status: Active

Description: 4.20mm (.165") Pitch Mini-Fit BMI™ Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 10 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) Plating, without Drain Holes



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-5556-002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72082037
UL	E29179

General

Product Family	PCB Headers
Series	42440
Application	Board-to-Board, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS™ Crimp Terminal Crimpted to to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.. High Temperature, Square Pin, Solder Type
Product Name	Mini-Fit BMI™

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.140 In
PC Tail Length (mm)	3.56 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.80 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
42440Series

Mates With
15-06-0101 Mini-Fit BMI™ Panel Mount Receptacle, 39-01-2105 Mini-Fit Jr.™ Receptacle, 15-24-7101 Mini-Fit BMI™ Vertical Receptacle Header

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V

Solder Process Data

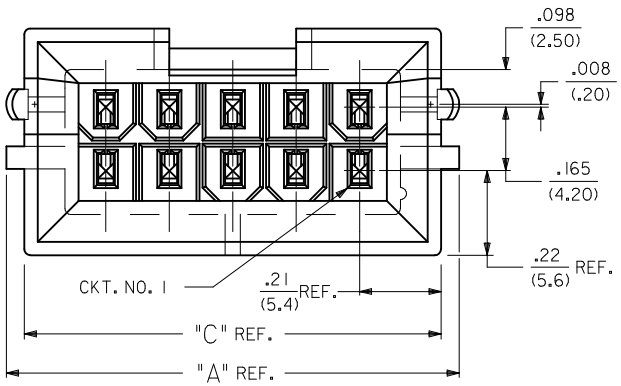
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	240

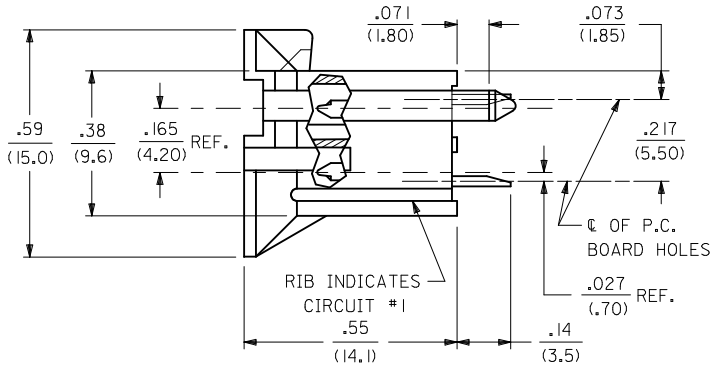
Material Info

Old Part Number	A-42440-1021

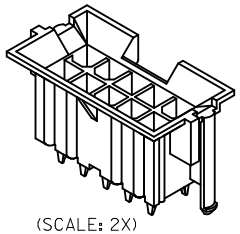
Reference - Drawing Numbers

Packaging Specification	PK-42440-001
Product Specification	PS-5556-002
Sales Drawing	SDA-42440-****
Test Summary	TS-5556-002

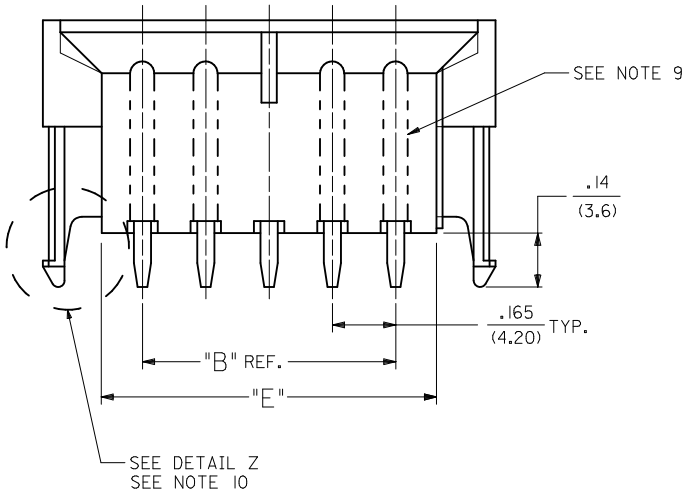


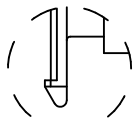


CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"
2	.520 (13.20)	____	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10	1.181 (30.00)	.66 (16.8)	1.087 (27.60)	1.031 (26.20)	.87 (22.2)
12	1.346 (34.20)	.83 (21.0)	1.252 (31.80)	1.197 (30.40)	1.04 (26.4)
14	1.512 (38.40)	.99 (25.2)	1.417 (36.00)	1.362 (34.60)	1.20 (30.6)
16	1.677 (42.60)	1.16 (29.4)	1.583 (40.20)	1.528 (38.80)	1.37 (34.8)
18	1.843 (46.80)	1.32 (33.6)	1.748 (44.40)	1.693 (43.00)	1.54 (39.0)
20	2.008 (51.00)	1.49 (37.8)	1.913 (48.60)	1.858 (47.20)	1.70 (43.2)
22	2.173 (55.20)	1.65 (42.0)	2.079 (52.80)	2.024 (51.40)	1.87 (47.4)
24	2.339 (59.40)	1.82 (46.2)	2.244 (57.00)	2.189 (55.60)	2.03 (51.6)



(SCALE: 2X)



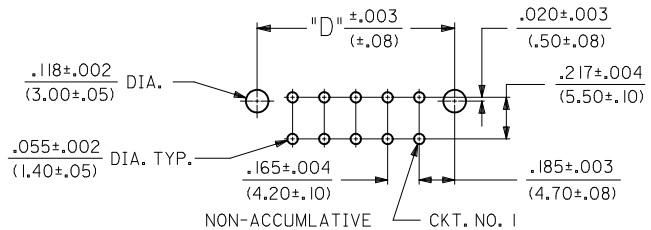


DETAIL "Z"
PEG DESIGN
PRIOR TO 8/11/97

LEGEND:

A - 42440 - ** * *

- BASE NUMBER
- CIRCUIT SIZE (02-24)
- PLATING (SEE NOTE 2.)
- HOUSING MAT'L. & OPTIONS (SEE NOTE 1.)



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

(SCALE: 2X)

6	Q
5	Q
4	Q
3	P1
2	P
1	Q
SHT	REV

VERT. HEADER A-42440	MATING CONNECTOR	HSG. MAT'L.	TERM. MAT'L.	PLATING
		MATING CONNECTOR FEATURES		
-**22, -**42	42474-**21, 5556-PBGS*P	94V-0	PHOS. BRZ.	GOLD
-**12, -**32	42474-**11, 5556-PBGS*P	94V-2		
-**22, -**42, -**23, -**43	42474-**21, 5556-GS*P	94V-0	BRASS	GOLD
-**12, -**32, -**13, -**33	42474-**11, 5556-GS*P	94V-2		
-**21, -**41	42474-**21, 5556-PBS*P	94V-0	PHOS. BRZ.	TIN
-**11, -**31	42474-**11, 5556-PBS*P	94V-2		
-**21, -**41	42474-**21, 5556-S*P	94V-0	BRASS	TIN
-**11, -**31	42474-**11, 5556-S*P	94V-2		
-**22, -**42	A-42385-**D2, -**D4	94V-0	PHOS. BRZ.	GOLD
-**12, -**32	A-42385-**C2, -**C4	94V-2		
-**22, -**42, -**23, -**43	A-42385-**B2, -**B4	94V-0	BRASS	GOLD
-**12, -**32, -**13, -**33	A-42385-**A2, -**A4	94V-2		
-**21, -**41	A-42385-**D1	94V-0	PHOS. BRZ.	TIN
-**11, -**31	A-42385-**C1	94V-2		
-**21, -**41	A-42385-**B1	94V-0	BRASS	TIN
-**11, -**31	A-42385-**A1	94V-2		

ADDED PART #'S
EC NO: UCP2010-0472 2009/11/11
DRWN: JAGUILAR 2009/12/01
CHKD: JBELL
APPR: FSMITH 2009/12/01
DESCRIPTION
Q
REV

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 ± 5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: GEP DATE: 1989/04/06
CHECKED BY: RJF DATE: 1989/04/06
APPROVED BY: RAS DATE: 1989/04/06
MATERIAL NO.: SEE CHART

TITLE: MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION

molex MOLEX INCORPORATED

DOCUMENT NO.: SDA-42440-****
SHEET NO.: 1 OF 6

SIZE: C

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

NOTES:
1) MATERIAL:
HOUSING MATERIAL AND OPTIONS:
1 = NYLON 6/6, UL 94V-2, COLOR: NATURAL, WITHOUT DRAIN HOLES
2 = NYLON 6/6, UL 94V-0, COLOR: NATURAL, WITHOUT DRAIN HOLES
3 = NYLON 6/6, UL 94V-2, COLOR: NATURAL, WITH DRAIN HOLES
4 = NYLON 6/6, UL 94V-0, COLOR: NATURAL, WITH DRAIN HOLES
TERMINALS: BRASS
2) TERMINAL PLATING:
S = .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL
*GS = .000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL
*GS3 = .000050/(0.00127) MIN. SELECT GOLD AND .000100/(0.00254) 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 200/53/EC", CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-5556-002
4) PACKAGING: SEE CHARTS
5) 6-24 CIRCUIT PARTS MATE WITH MINI-FIT JR. RECEPTACLES #5557 AND HEADERS #42385 AND #42474, 2 AND 4 CIRCUIT PARTS MATE WITH 42385 AND 42474 HEADERS ONLY.
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
7) CONNECTOR IS NOT DESIGNED FOR CURRENT SHARING.
8) CONNECTOR ASSEMBLIES ARE NOT BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9) OPTIONAL RIBS MAY BE FOUND ON PARTS MANUFACTURED AFTER 08/11/1997. RIB LOCATION IS DETERMINED BY MOLD DESIGN FOR MANUFACTURING EASE AND THE LOCATION DOES NOT AFFECT PART FUNCTION OR PERFORMANCE. LOCATION OF RIBS MAY VARY ON PARTS WITHIN MAUFACTURING LOT OR SHIPMENT. THIS DRAWING SHOWS TYPICAL RIB LOCATIONS.
10) PARTS MANUFACTURED AFTER 8/15/1997 MAY HAVE REVISED LOCK PEG.
11) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

SEE SHEET ONE
EC NO: UCP2007-2479 2007/04/04
DRWN:LSCHMIDT 2007/04/11
CHKD:JBELL 2007/04/16
APPR:FSMITH
DESCRIPTION
REV
P1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY	GEP
DATE	1989/04/06
CHECKED BY	RJF
DATE	1989/04/06
APPROVED BY	RAS
DATE	1989/04/06

TITLE: MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-42440-****
SHEET NO.: 3 OF 6
SIZE: C

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

PLATING:	TIN (SEE NOTE 2 OPTION "S")			PLATING:	TIN (SEE NOTE 2 OPTION "S")			PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")			PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")		
DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES		
PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS		
MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]			MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]		
PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001		
PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS
NO EDP	A-42440-0211	-	2	NO EDP	A-42440-0221	-	2	NO EDP	A-42440-0212	-	2	NO EDP	A-42440-0222	-	2
15-24-6041	A-42440-0411	-	4	15-24-6042	A-42440-0421	-	4	15-28-6041	A-42440-0412	-	4	15-28-6042	A-42440-0422	-	4
15-24-6061	A-42440-0611	-	6	NO EDP	A-42440-0621	-	6	15-28-6061	A-42440-0612	-	6	NO EDP	A-42440-0622	-	6
NO EDP	A-42440-0811	-	8	NO EDP	A-42440-0821	-	8	NO EDP	A-42440-0812	-	8	NO EDP	A-42440-0822	-	8
15-24-6101	A-42440-1011	-	10	15-24-6102	A-42440-1021	-	10	15-28-6101	A-42440-1012	-	10	15-28-6102	A-42440-1022	-	10
15-24-6121	A-42440-1211	NOT TOOLED	12	15-24-6122	A-42440-1221	NOT TOOLED	12	15-28-6121	A-42440-1212	NOT TOOLED	12	15-28-6122	A-42440-1222	NOT TOOLED	12
15-24-6141	A-42440-1411	-	14	15-24-6142	A-42440-1421	-	14	15-28-6141	A-42440-1412	-	14	15-28-6142	A-42440-1422	-	14
15-24-6161	A-42440-1611	-	16	15-24-6162	A-42440-1621	-	16	15-28-6161	A-42440-1612	-	16	NO EDP	A-42440-1622	-	16
15-24-6181	A-42440-1811	-	18	15-24-6182	A-42440-1821	-	18	15-28-6181	A-42440-1812	-	18	15-28-6182	A-42440-1822	-	18
NO EDP	A-42440-2011	-	20	NO EDP	A-42440-2021	-	20	NO EDP	A-42440-2012	-	20	NO EDP	A-42440-2022	-	20
NO EDP	A-42440-2211	-	22	NO EDP	A-42440-2221	-	22	NO EDP	A-42440-2212	-	22	NO EDP	A-42440-2222	-	22
15-24-6241	A-42440-2411	-	24	15-24-6242	A-42440-2421	-	24	15-28-6241	A-42440-2412	-	24	15-28-6242	A-42440-2422	-	24
	-	-			-	-			-	-			-	-	
	-	-			-	-			-	-			-	-	

PLATING:	TIN (SEE NOTE 2 OPTION "S")			PLATING:	TIN (SEE NOTE 2 OPTION "S")			PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")			PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")		
DRAINS:	WITH DRAIN HOLES			DRAINS:	WITH DRAIN HOLES			DRAINS:	WITH DRAIN HOLES			DRAINS:	WITH DRAIN HOLES		
PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS		
MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]			MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]		
PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001		
PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS
NO EDP	A-42440-0231	-	2	NO EDP	A-42440-0241	-	2	NO EDP	A-42440-0232	-	2	NO EDP	A-42440-0242	-	2
15-24-6046	A-42440-0431	-	4	15-24-6047	A-42440-0441	-	4	15-28-6046	A-42440-0432	-	4	15-28-6047	A-42440-0442	-	4
NO EDP	A-42440-0631	-	6	NO EDP	A-42440-0641	-	6	NO EDP	A-42440-0632	-	6	NO EDP	A-42440-0642	-	6
NO EDP	A-42440-0831	-	8	NO EDP	A-42440-0841	-	8	NO EDP	A-42440-0832	-	8	NO EDP	A-42440-0842	-	8
15-24-6106	A-42440-1031	-	10	15-24-6107	A-42440-1041	-	10	15-28-6106	A-42440-1032	-	10	15-28-6107	A-42440-1042	-	10
NO EDP	A-42440-1231	-	12	NO EDP	A-42440-1241	-	12	NO EDP	A-42440-1232	-	12	NO EDP	A-42440-1242	-	12
15-24-6146	A-42440-1431	-	14	15-24-6147	A-42440-1441	-	14	15-28-6146	A-42440-1432	-	14	15-28-6147	A-42440-1442	-	14
NO EDP	A-42440-1631	-	16	NO EDP	A-42440-1641	-	16	NO EDP	A-42440-1632	-	16	NO EDP	A-42440-1642	-	16
15-24-6186	A-42440-1831	-	18	15-24-6187	A-42440-1841	-	18	15-28-6186	A-42440-1832	-	18	15-28-6187	A-42440-1842	-	18
NO EDP	A-42440-2031	-	20	NO EDP	A-42440-2041	-	20	NO EDP	A-42440-2032	-	20	NO EDP	A-42440-2042	-	20
NO EDP	A-42440-2231	-	22	NO EDP	A-42440-2241	-	22	NO EDP	A-42440-2232	-	22	NO EDP	A-42440-2242	-	22
15-24-6246	A-42440-2431	-	24	15-24-6247	A-42440-2441	-	24	15-28-6246	A-42440-2432	-	24	15-28-6247	A-42440-2442	-	24
	-	-			-	-			-	-			-	-	
	-	-			-	-			-	-			-	-	

SEE SHEET 1

REV	DESCRIPTION		
Q	EC NO: UCP2010-0472	DRWN: JAGUILAR	2009/11/11
		CH'KD: JBELL	2009/12/01
		APPR: FSMITH	2009/12/01

QUALITY SYMBOLS

▼=0

Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY	DATE
GEP	1995/03/03
CHECKED BY	DATE
RJF	1995/03/03
APPROVED BY	DATE
RJF	1995/03/03

TITLE: MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SDA-42440-****	4 OF 6

SIZE C

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

PLATING:	50 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS3")			PLATING:	50 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS3")			PLATING:				PLATING:			
DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES			DRAINS:				DRAINS:			
PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:				PEGS:			
MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]			MAT'L:				MAT'L:			
PACKAGING:	TRAY PER PK-42440-001			PACKAGING:	TRAY PER PK-42440-001			PACKAGING:				PACKAGING:			
PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS	PART NO.	ENG NO.		CKTS
NO EDP	A-42440-0213	-	2	NO EDP	A-42440-0223	-	2	NO EDP	-	-	2	NO EDP	-	-	2
NO EDP	A-42440-0413	-	4	NO EDP	A-42440-0423	-	4	NO EDP	-	-	4	NO EDP	-	-	4
NO EDP	A-42440-0613	-	6	NO EDP	A-42440-0623	-	6	NO EDP	-	-	6	NO EDP	-	-	6
NO EDP	A-42440-0813	-	8	NO EDP	A-42440-0823	-	8	NO EDP	-	-	8	NO EDP	-	-	8
NO EDP	A-42440-1013	-	10	NO EDP	A-42440-1023	-	10	NO EDP	-	-	10	NO EDP	-	-	10
NO EDP	A-42440-1213	-	12	NO EDP	A-42440-1223	-	12	NO EDP	-	-	12	NO EDP	-	-	12
NO EDP	A-42440-1413	-	14	NO EDP	A-42440-1423	-	14	NO EDP	-	-	14	NO EDP	-	-	14
NO EDP	A-42440-1613	-	16	NO EDP	A-42440-1623	-	16	NO EDP	-	-	16	NO EDP	-	-	16
NO EDP	A-42440-1813	-	18	NO EDP	A-42440-1823	-	18	NO EDP	-	-	18	NO EDP	-	-	18
NO EDP	A-42440-2013	-	20	NO EDP	A-42440-2023	-	20	NO EDP	-	-	20	NO EDP	-	-	20
NO EDP	A-42440-2213	-	22	NO EDP	A-42440-2223	-	22	NO EDP	-	-	22	NO EDP	-	-	22
NO EDP	A-42440-2413	-	24	NO EDP	A-42440-2423	-	24	NO EDP	-	-	24	NO EDP	-	-	24
	-	-			-	-			-	-				-	
	-	-			-	-			-	-				-	

PLATING:	TIN (SEE NOTE 2 OPTION "S")			PLATING:	TIN (SEE NOTE 2 OPTION "S")			PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")			PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")		
DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES		
PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS		
MAT'L:	94V-2 (NATURAL)			MAT'L:	94V-0 (NATURAL)			MAT'L:	94V-2 (NATURAL)			MAT'L:	94V-0 (NATURAL)		
PACKAGING:	TUBE PER PK-40873-0151			PACKAGING:	TUBE PER PK-40873-0151			PACKAGING:	TUBE PER PK-40873-0151			PACKAGING:	TUBE PER PK-40873-0151		
ITEM NO.			CKTS	ITEM NO.			CKTS	ITEM NO.			CKTS	ITEM NO.			CKTS
-			2	-			2	-			2	-			2
42440-3002			4	42440-3014			4	42440-3026			4	42440-3038			4
42440-3003			6	-			6	42440-3027			6	-			6
-			8	-			8	-			8	-			8
42440-3005			10	42440-3017			10	42440-3029			10	42440-3041			10
-			12	-			12	-			12	-			12
42440-3007			14	42440-3019			14	42440-3031			14	42440-3043			14
-			16	-			16	-			16	-			16
42440-3009			18	42440-3021			18	42440-3033			18	42440-3045			18
-			20	-			20	-			20	-			20
-			22	-			22	-			22	-			22
42440-3012			24	42440-3024			24	42440-3036			24	42440-3048			24

SEE SHEET 1
EC NO: UCP2010-0472 2009/11/11
DRWN: JJAGUILAR 2009/12/01
CH'KD: JBELL 2009/12/01
APPR: FSMITH 2009/12/01
DESCRIPTION
Q
REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

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
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	ERH	DATE 2000/02/23
CHECKED BY	MB	DATE 2000/02/23
APPROVED BY	RE	DATE 2000/02/23

TITLE
MINI-FIT B.M.I.
VERTICAL HEADER ASSY
WITH DRAIN HOLE OPTION

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-42440-****
SHEET NO.: 5 OF 6

SIZE C

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

PLATING:	TIN (SEE NOTE 2 OPTION "S")		PLATING:	TIN (SEE NOTE 2 OPTION "S")		PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")		PLATING:	30 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS")	
DRAINS:	WITH DRAIN HOLES		DRAINS:	WITH DRAIN HOLES		DRAINS:	WITH DRAIN HOLES		DRAINS:	WITH DRAIN HOLES	
PEGS:	WITH PEGS		PEGS:	WITH PEGS		PEGS:	WITH PEGS		PEGS:	WITH PEGS	
MAT'L:	94V-2 [NATURAL]		MAT'L:	94V-0 [NATURAL]		MAT'L:	94V-2 [NATURAL]		MAT'L:	94V-0 [NATURAL]	
PACKAGING:	TUBE PER PK-40873-0151		PACKAGING:	TUBE PER PK-40873-0151		PACKAGING:	TUBE PER PK-40873-0151		PACKAGING:	TUBE PER PK-40873-0151	
ITEM NO.		CKTS	ITEM NO.		CKTS	ITEM NO.		CKTS	ITEM NO.		CKTS
-	-	2	-	-	2	-	-	2	-	-	2
42440-3049	-	4	42440-3061	-	4	42440-3073	-	4	42440-3085	-	4
-	-	6	-	-	6	-	-	6	-	-	6
-	-	8	-	-	8	-	-	8	-	-	8
42440-3052	-	10	42440-3064	-	10	42440-3076	-	10	42440-3088	-	10
-	-	12	-	-	12	-	-	12	-	-	12
42440-3054	-	14	42440-3066	-	14	42440-3078	-	14	42440-3090	-	14
-	-	16	-	-	16	-	-	16	-	-	16
42440-3056	-	18	42440-3068	-	18	42440-3080	-	18	42440-3092	-	18
-	-	20	-	-	20	-	-	20	-	-	20
-	-	22	-	-	22	-	-	22	-	-	22
42440-3059	-	24	42440-3071	-	24	42440-3083	-	24	42440-3095	-	24

PLATING:	50 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS3")		PLATING:	50 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS3")		PLATING:	50 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS3")		PLATING:	50 M.I. SELECT GOLD (SEE NOTE 2 OPTION "GS3")	
DRAINS:	WITHOUT DRAIN HOLES		DRAINS:	WITHOUT DRAIN HOLES		DRAINS:	WITH DRAIN HOLES		DRAINS:	WITH DRAIN HOLES	
PEGS:	WITH PEGS		PEGS:	WITH PEGS		PEGS:	WITH PEGS		PEGS:	WITH PEGS	
MAT'L:	94V-2 [NATURAL]		MAT'L:	94V-0 [NATURAL]		MAT'L:	94V-2 [NATURAL]		MAT'L:	94V-0 [NATURAL]	
PACKAGING:	TUBE PER PK-40873-0151		PACKAGING:	TUBE PER PK-40873-0151		PACKAGING:	TUBE PER PK-40873-0151		PACKAGING:	TUBE PER PK-40873-0151	
ITEM NO.		CKTS	ITEM NO.		CKTS	ITEM NO.		CKTS	ITEM NO.		CKTS
-	-	2	-	-	2	-	-	2	-	-	2
-	-	4	-	-	4	-	-	4	-	-	4
-	-	6	-	-	6	-	-	6	-	-	6
-	-	8	-	-	8	-	-	8	-	-	8
-	-	10	-	-	10	-	-	10	-	-	10
-	-	12	-	-	12	-	-	12	-	-	12
-	-	14	-	-	14	-	-	14	-	-	14
-	-	16	-	-	16	-	-	16	-	-	16
-	-	18	-	-	18	-	-	18	-	-	18
-	-	20	-	-	20	-	-	20	-	-	20
-	-	22	-	-	22	-	-	22	-	-	22
-	-	24	-	-	24	-	-	24	-	-	24

STANDARDIZE NOTES
EC NO: UCP2010-0472 2009/11/11
DRWN: JJAGUILAR 2009/12/01
CH'KD: JBELL
APPR: FSMITH 2009/12/01
DESCRIPTION
Q
REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ERH DATE: 2000/02/23
CHECKED BY: MB DATE: 2000/02/23
APPROVED BY: RE DATE: 2000/02/23

TITLE: MINI-FIT B.M.I. VERTICAL HEADER ASSY WITH DRAIN HOLE OPTION

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-42440-****
SHEET NO.: 6 OF 6

SIZE: C

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