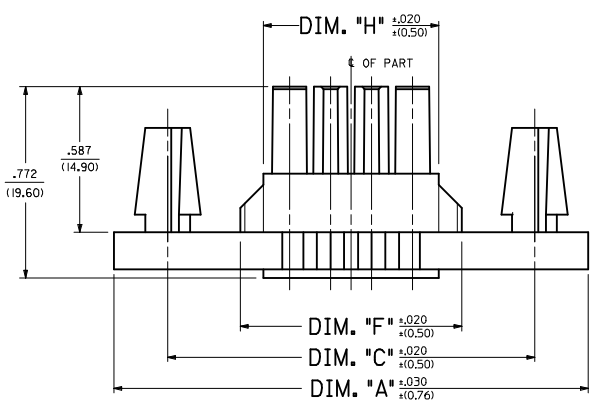
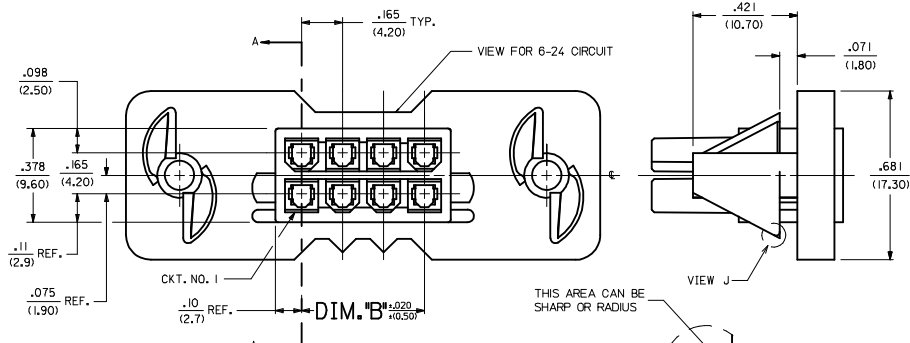
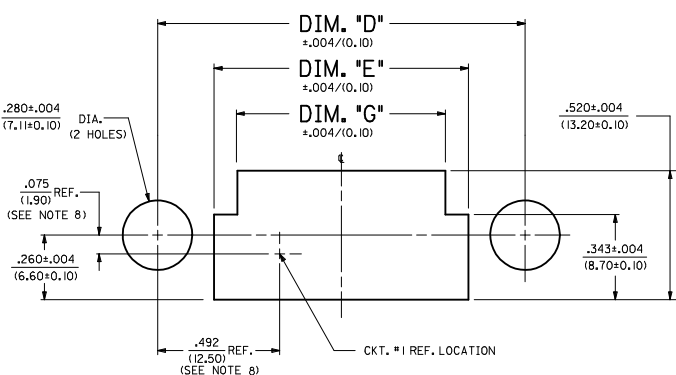


SECTION "A-A"
TERMINAL ORIENTATION

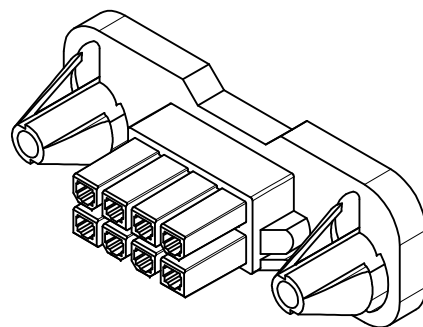


2-8 & 12-24 CIRCUIT HEADER
(SEE SHEET 2 FOR 10 CIRCUIT HEADER DESIGN)

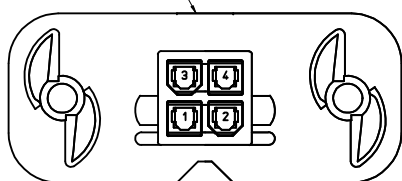


RECOMMENDED PANEL CUT-OUT FOR .050+0.012/(-0.012+0.30) THICK PANEL
(SEE NOTE 10)

LEGEND:
42474 - ** * I
BASE NUMBER
CIRCUIT SIZE
(02-24)
MATERIAL
(SEE NOTE 1.)



VIEW FOR 2 AND 4 CIRCUIT
NOTCH REMOVED

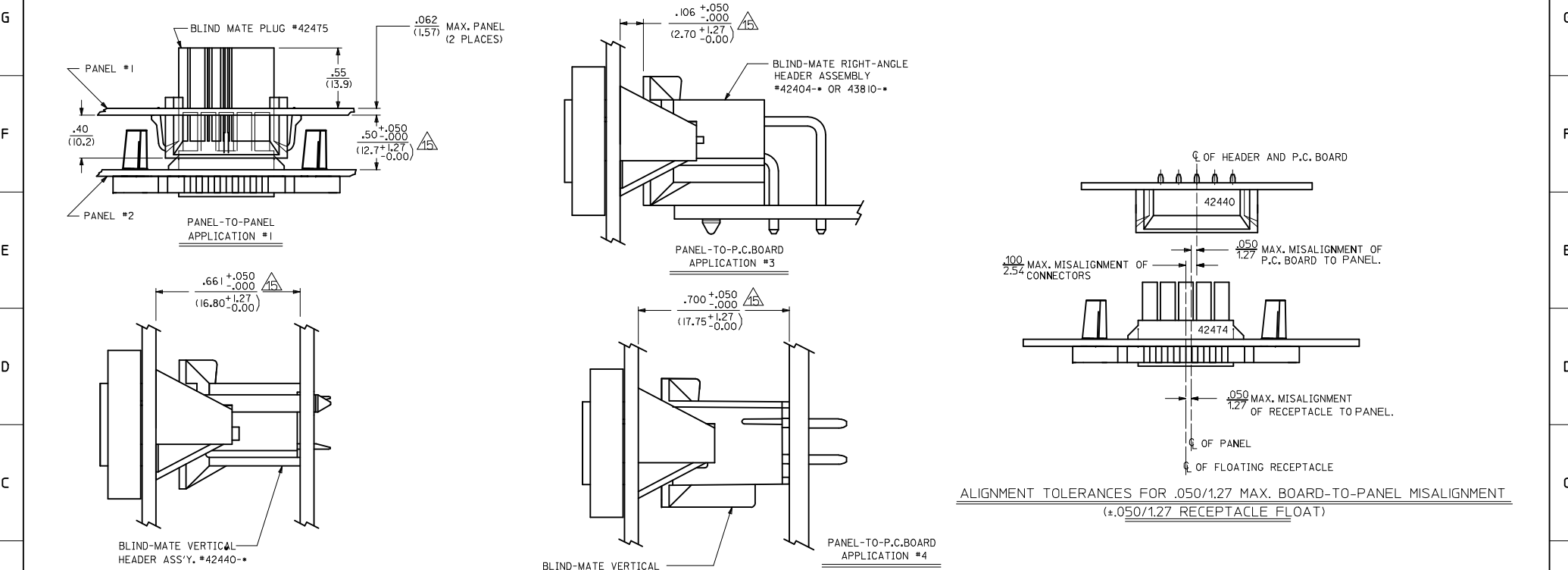


CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"
2	1.417 (36.00)	N/A	.984 (25.00)	.984 (25.00)	.528 (13.40)	.398 (10.10)	.343 (8.70)	.213 (5.40)
4	1.583 (40.20)	.165 (4.20)	1.150 (29.20)	1.150 (29.20)	.693 (17.60)	.563 (14.30)	.508 (12.90)	.378 (9.60)
6	1.748 (44.40)	.331 (8.40)	1.315 (33.40)	1.315 (33.40)	.898 (22.80)	.728 (18.50)	.673 (17.10)	.543 (13.80)
8	1.913 (48.60)	.496 (12.60)	1.480 (37.60)	1.480 (37.60)	1.024 (26.00)	.894 (22.70)	.839 (21.30)	.709 (18.00)
10	2.078 (52.80)	.661 (16.80)	1.645 (41.80)	1.645 (41.80)	1.189 (30.20)	1.059 (26.90)	1.004 (25.50)	.874 (22.20)
12	2.244 (57.00)	.827 (21.00)	1.811 (46.00)	1.811 (46.00)	1.354 (34.40)	1.224 (31.10)	1.169 (29.70)	1.039 (26.40)
14	2.409 (61.20)	.992 (25.20)	1.976 (50.20)	1.976 (50.20)	1.520 (38.60)	1.390 (35.30)	1.335 (33.90)	1.205 (30.60)
16	2.575 (65.40)	1.157 (29.40)	2.142 (54.40)	2.142 (54.40)	1.685 (42.80)	1.555 (39.50)	1.500 (38.10)	1.370 (34.80)
18	2.740 (69.60)	1.323 (33.60)	2.307 (58.60)	2.307 (58.60)	1.850 (47.00)	1.720 (43.70)	1.665 (42.30)	1.535 (39.00)
20	2.906 (73.80)	1.488 (37.80)	2.472 (62.80)	2.472 (62.80)	2.016 (51.20)	1.886 (47.90)	1.831 (46.50)	1.701 (43.20)
22	3.071 (78.00)	1.653 (42.00)	2.638 (67.00)	2.638 (67.00)	2.181 (55.40)	2.051 (52.10)	1.996 (50.70)	1.866 (47.40)
24	3.236 (82.20)	1.819 (46.20)	2.803 (71.20)	2.803 (71.20)	2.346 (59.60)	2.217 (56.30)	2.161 (54.90)	2.031 (51.60)

- NOTES:
- MATERIAL:
*1 = NYLON 6/6, UNFILLED 94V-2, COLOR: NATURAL (WHITE)
*2 = NYLON 6/6, UNFILLED 94V-0, COLOR: NATURAL (WHITE)
*3 = NYLON 6/6, UNFILLED 94V-2, COLOR: BLACK
*4 = NYLON 6/6, UNFILLED 94V-0, COLOR: BLACK.
 - FINISH: NOT APPLICABLE.
 - PRODUCT SPECIFICATION: PS-5556-002
 - PACKAGING: PK-42474-001
 - PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 43810, 44068 & 43879.
 - PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556.
 - THIS CONNECTOR ALLOWS FOR .050/(1.27) MAX. MISALIGNMENT IN ANY DIRECTION.
 - THIS DIMENSION TO BE USED FOR ALIGNMENT OF THE MATING CONNECTOR.
 - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
 - THIS PART IS INTENDED FOR ONE PANEL INSERTION ONLY. REMOVAL AND RE-INSERTION CAN DAMAGE THE MOUNTING SPIRALS.
 - PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION.
 - BOTH SPIRALS SHOULD BE INSERTED INTO THE PANEL AT THE SAME TIME. ROCKING THE PART INTO PLACE MAY CAUSE SPIRAL DAMAGE.
 - THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
 - IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE MUST BE ADDED.
REFER TO TECHNICAL ADVISORY AS-45499-001 FOR INSTRUCTIONS.
 - A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT.
A MAXIMUM TOLERANCE OF .020/(1.51) ALLOWS FOR 4 POINTS OF CONTACT.
 - WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
 - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CHANGE DIM A TOL EC NO. UCP 2013-2425 DRAWN BY CHKD BY APPROVED BY P10	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	DIMENSION STYLE IN/MM DRAWN BY GEP CHECKED BY R/JF APPROVED BY RAS DATE 1989/08/24	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE PANEL-MOUNT RECEPTACLE BLIND MATE MINI-FIT JR. SERIES	MOLEX INCORPORATED	MATERIAL NO. SD-42474-****	DOCUMENT NO.	SHEET NO. 1 OF 2

13		12		11		10		9		8		7		6		5		4		3		2		1									
PART NUMBER		ENG. NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)				PART NUMBER		ENG. NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)				ITEM NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)				ITEM NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)	
J	NOT TOOLED	42474-0211	2	94V-2		NOT TOOLED	42474-0221	2	94V-0		NOT TOOLED	2	94V-2		NOT TOOLED	2	94V-2		NOT TOOLED	2	94V-0												
	I5-06-0040	42474-0411	4	94V-2		I5-06-0041	42474-0421	4	94V-0		42474-0431	4	94V-2		42474-0441	4	94V-2		42474-0441	4	94V-0												
	I5-06-0060	42474-0611	6	94V-2		I5-06-0061	42474-0621	6	94V-0		42474-0631	6	94V-2		42474-0641	6	94V-2		42474-0641	6	94V-0												
	I5-06-0080	42474-0811	8	94V-2		I5-06-0081	42474-0821	8	94V-0		42474-0831	8	94V-2		NOT TOOLED	8	94V-2		NOT TOOLED	8	94V-0												
I	I5-06-0100	42474-1011	10	94V-2		I5-06-0101	42474-1021	10	94V-0		42474-1031	10	94V-2		42474-1041	10	94V-2		42474-1041	10	94V-0												
	NOT TOOLED	42474-1211	12	94V-2		NOT TOOLED	42474-1221	12	94V-0		NOT TOOLED	12	94V-2		NOT TOOLED	12	94V-2		NOT TOOLED	12	94V-0												
	I5-06-0140	42474-1411	14	94V-2		I5-06-0141	42474-1421	14	94V-0		42474-1431	14	94V-2		42474-1441	14	94V-2		42474-1441	14	94V-0												
	NOT TOOLED	42474-1611	16	94V-2		NOT TOOLED	42474-1621	16	94V-0		NOT TOOLED	16	94V-2		NOT TOOLED	16	94V-2		NOT TOOLED	16	94V-0												
H	I5-06-0180	42474-1811	18	94V-2		I5-06-0181	42474-1821	18	94V-0		42474-1831	18	94V-2		42474-1841	18	94V-2		42474-1841	18	94V-0												
	NOT TOOLED	42474-2011	20	94V-2		NOT TOOLED	42474-2021	20	94V-0		NOT TOOLED	20	94V-2		NOT TOOLED	20	94V-2		NOT TOOLED	20	94V-0												
	NOT TOOLED	42474-2211	22	94V-2		NOT TOOLED	42474-2221	22	94V-0		NOT TOOLED	22	94V-2		NOT TOOLED	22	94V-2		NOT TOOLED	22	94V-0												
	I5-06-0240	42474-2411	24	94V-2		I5-06-0241	42474-2421	24	94V-0		42474-2431	24	94V-2		42474-2441	24	94V-2		42474-2441	24	94V-0												



PANEL - TO P.C. BOARD
APPLICATION #2

HEADER ASS'Y.
#43879- OR #44068-

SEE SHEET 1
EC NO: UCP2013-2425
DRWN:BBEE
CHKD:JBELL
APPR:FSMITH

2012/12/13
2012/12/13
2012/12/19

QUALITY SYMBOLS

▽=0

▽=0

▽=0

DESCRIPTION

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± .015

2 PLACES ± 0.38 ± ---

1 PLACE ± --- ± ---

ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
GEP

CHECKED BY
R/JF

APPROVED BY
RAS

MATERIAL NO.
SEE CHART

SIZE
C

DIMENSION
DATE
1989/08/24

DIMENSION
DATE
1989/08/24

DIMENSION
DATE
1989/08/24

DIMENSION
DATE
1989/08/24

DOCUMENT NO.
SD-42474-****

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

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
PANEL-MOUNT RECEPTACLE
BLIND MATE
MINI-FIT JR. SERIES

MOLEX
MOLEX INCORPORATED

SHEET NO.
2 OF 2