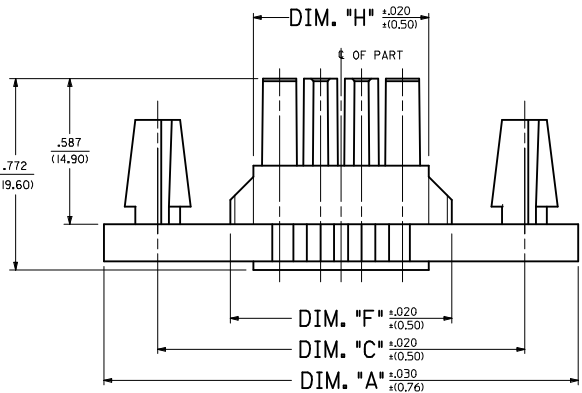
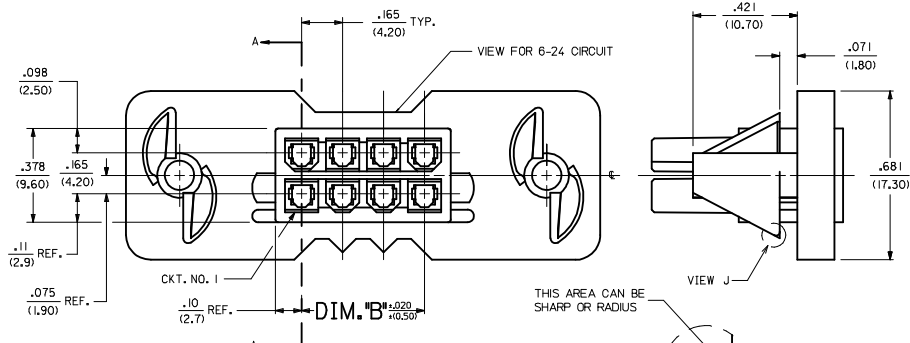
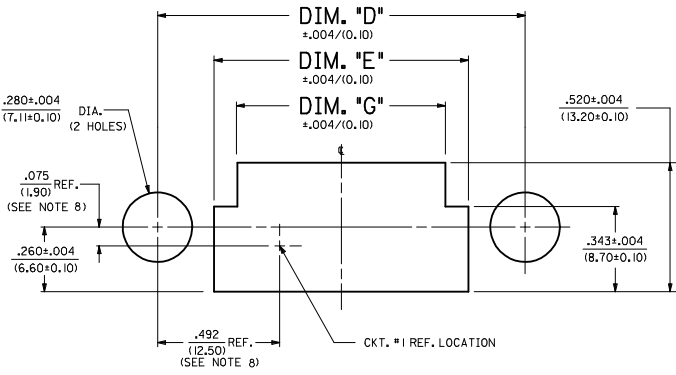


SECTION "A-A"
TERMINAL ORIENTATION

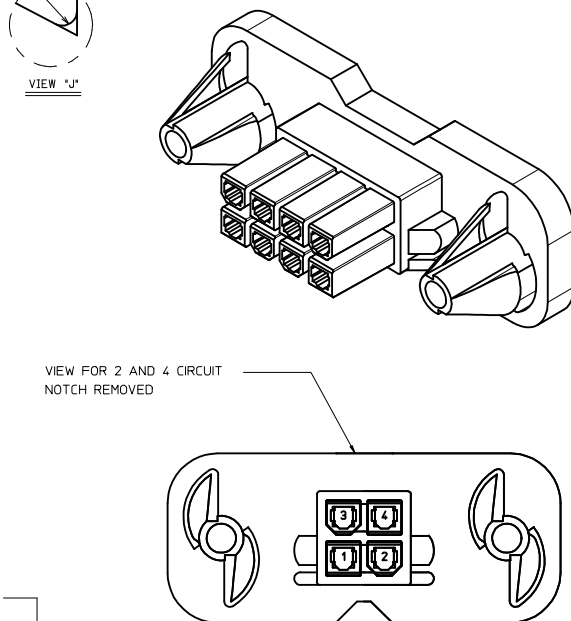


2-8 & 12-24 CIRCUIT HEADER
(SEE SHEET 2 FOR 10 CIRCUIT HEADER DESIGN)



RECOMMENDED PANEL CUT-OUT FOR .050±0.12/(1.27±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

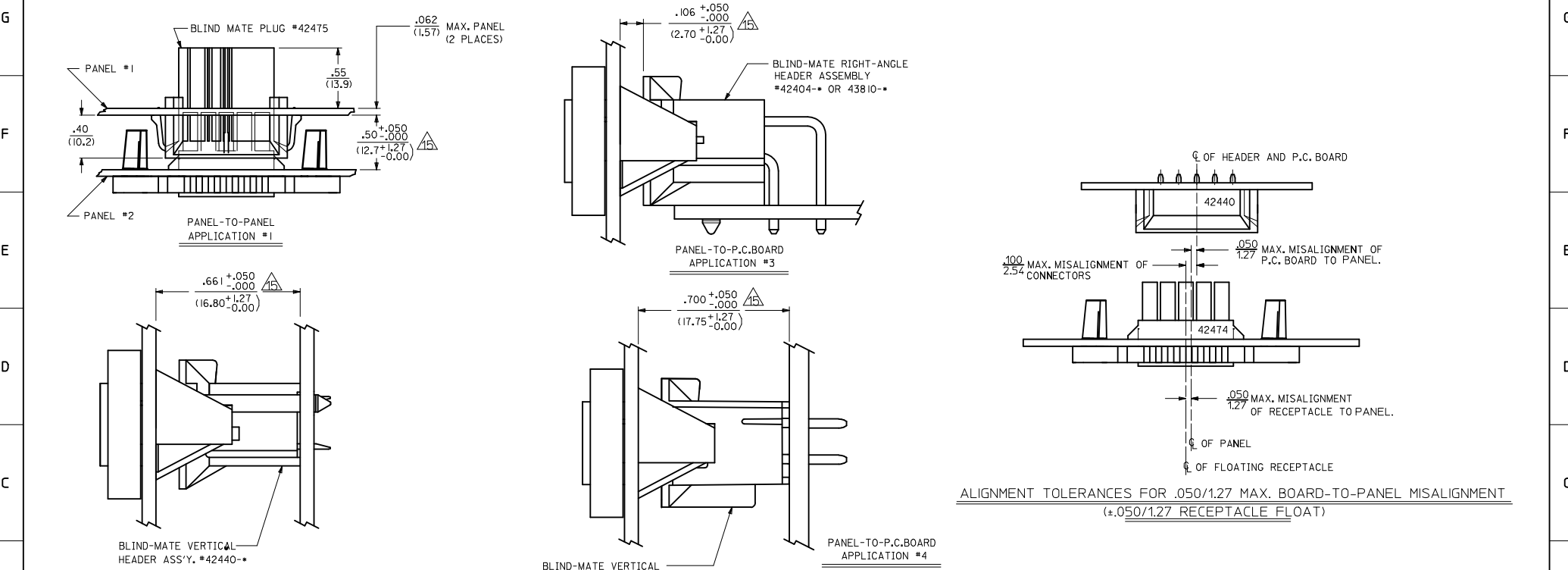
CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"
2	1.417 (36.00)	N/A	.984 (25.00)	.984 (25.00)	.528 (13.40)	.398 (10.10)	.343 (8.70)	.213 (5.40)
4	1.583 (40.20)	.165 (4.20)	1.150 (29.20)	1.150 (29.20)	.693 (17.60)	.563 (14.30)	.508 (12.90)	.378 (9.60)
6	1.748 (44.40)	.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)	1.069 (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 UNFILLED 94V-2, COLOR: NATURAL (WHITE)
*2 = NYLON UNFILLED 94V-0, COLOR: NATURAL (WHITE)
*3 = NYLON UNFILLED 94V-2, COLOR: BLACK
*4 = NYLON 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 & 43819.
 - PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, 44476, 45750, OR 46018.
 - 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.
 - USING 5556 OR 44476 TERMINALS:
A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT.
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR 4 POINTS OF CONTACT.
 - USING 45750 OR 46018 TERMINALS:
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR FULL CONTACT ENGAGEMENT.
 - 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.

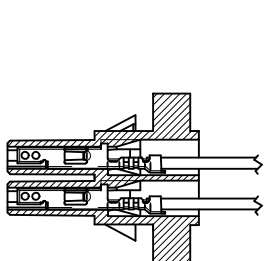
UPDATE NOTES 6 & 15 EC NO. UCP2015-1555 DRAWN: DFOX 2014/10/14 CHKD: JELL 2014/10/14 APPROVED: MTH 2014/10/23 REV P11	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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

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

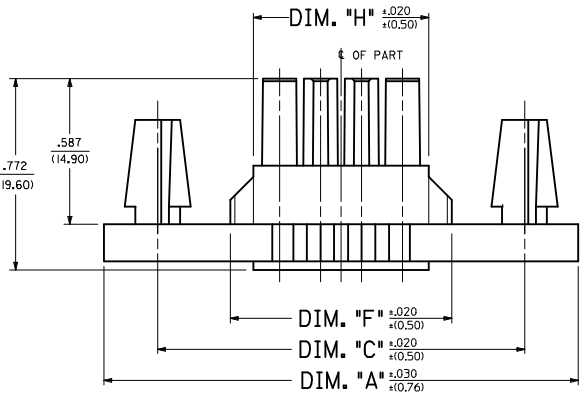
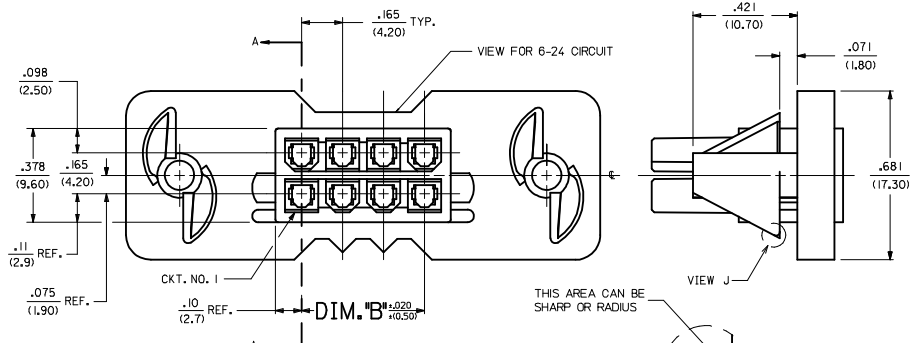
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PART NUMBER		ENG. NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)		PART NUMBER		ENG. NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)		ITEM NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)		ITEM NUMBER		CKT. SIZE		MATERIAL (SEE NOTE 1.)	
J	NOT TOOLED	42474-0211	2	94V-2		NOT TOOLED	42474-0221	2	94V-0	NOT TOOLED	2	94V-2	NOT TOOLED	2	94V-0	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-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-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-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-0													
	NOT TOOLED	42474-1211	12	94V-2	NOT TOOLED	42474-1221	12	94V-0	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-0													
	NOT TOOLED	42474-1611	16	94V-2	NOT TOOLED	42474-1621	16	94V-0	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-0													
	NOT TOOLED	42474-2011	20	94V-2	NOT TOOLED	42474-2021	20	94V-0	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-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-0													



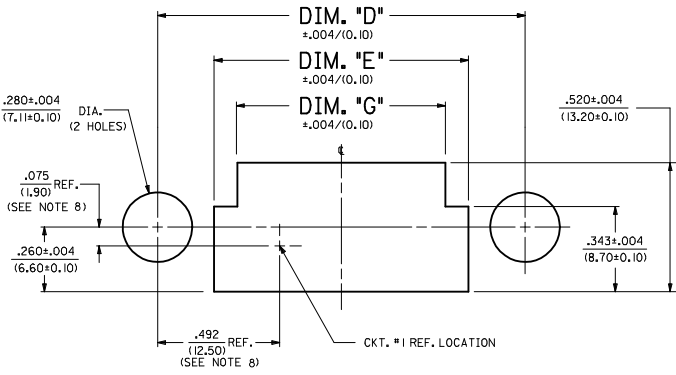
SEE SHEET 1		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2015-1555		DRAWN: JDOX		mm		IN/MM		1:1		METRIC		M	
2014/10/14		CHKD: JBEL		4 PLACES ± ---		DATE		DRAWN BY		DATE		TITLE	
2014/10/14		APPR: FSMITH		3 PLACES ± ---		1989/08/24		GEP		1989/08/24		PANEL-MOUNT RECEPTACLE	
2014/10/23				2 PLACES ± 0.38		DATE		RJV		1989/08/24		BLIND MATE	
				1 PLACE ± ---		DATE		RAS		1989/08/24		MINI-FIT JR. SERIES	
						ANGULAR ± 1/2°						MOLEX INCORPORATED	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
								SEE CHART		SD-42474-****		2 OF 2	
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



SECTION "A-A"
TERMINAL ORIENTATION



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

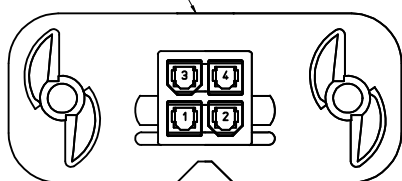
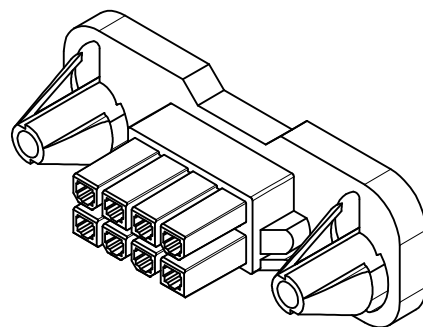


RECOMMENDED PANEL CUT-OUT FOR .050 +.008, -.012/11.27 +.020, -.030) THICK PANEL
(SEE NOTE 10)

THIS AREA CAN BE SHARP OR RADIUS

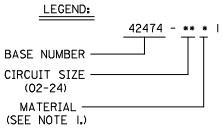


VIEW FOR 2 AND 4 CIRCUIT NOTCH REMOVED



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)	2.347 (59.60)	2.217 (56.30)	2.161 (54.90)	2.031 (51.60)

- NOTES:**
1. MATERIAL:
5 = NYLON, UL94V-2, COLOR: NATURAL (BEIGE), IEC 60335-1.
5TH EDITION, GLOW WIRE CAPABLE.
 2. FINISH: NOT APPLICABLE.
 3. PRODUCT SPECIFICATION: PS-5556-002
 4. PACKAGING: PK-42474-001
 5. PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 43810, 44068 & 43879.
 6. PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, 44476, 45750, OR 46018.
 7. THIS CONNECTOR ALLOWS FOR .050/(1.27) MAX. MISALIGNMENT IN ANY DIRECTION.
 8. THIS DIMENSION TO BE USED FOR ALIGNMENT OF THE MATING CONNECTOR.
 9. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
 10. THIS PART IS INTENDED FOR ONE PANEL INSERTION ONLY. REMOVAL AND RE-INSERTION CAN DAMAGE THE MOUNTING SPIRALS.
 11. PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION. SHARP EDGES ON THE INSERTION SIDE OF THE PANEL SHOULD BE AVOIDED. THEY WILL INCREASE INSERTION FORCES.
 12. BOTH SPIRALS SHOULD BE INSERTED INTO THE PANEL AT THE SAME TIME. ROCKING THE PART INTO PLACE MAY CAUSE SPIRAL DAMAGE.
 13. THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
 14. 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.
 15. USING 5556 OR 44476 TERMINALS:
A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT.
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR 4 POINTS OF CONTACT.
USING 45750 OR 46018 TERMINALS:
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR FULL CONTACT ENGAGEMENT.
 16. WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
 17. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



CREATE DRAWING EC NO. UCP2015-1976 DRAWN: JDOX 2014/11/13 CHKD: JBELL 2014/11/13 APPROV: FSMITH 2015/02/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY JDOX	DATE 2014/11/13	TITLE PANEL-MOUNT RECEPTACLE BLIND MATE MINI-FIT JR. SERIES		
			CHECKED BY JBELL	DATE 2014/11/13	molex		
			APPROVED BY FSMITH	DATE 2015/02/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
MATERIAL NO. SEE SHEET 2			DOCUMENT NO. SD-42474-**5*	SHEET NO. 1 OF 2			

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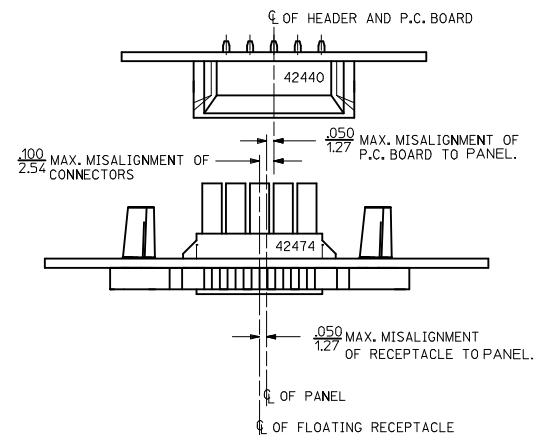
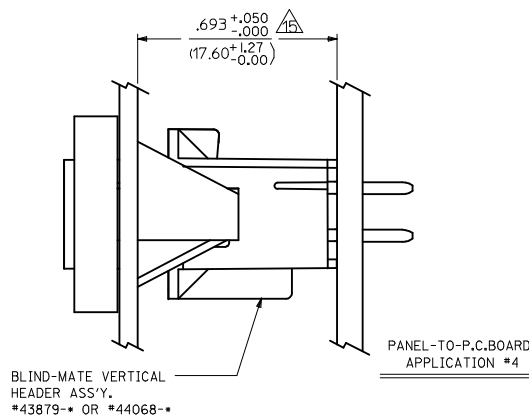
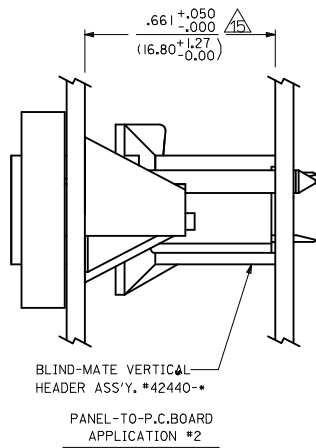
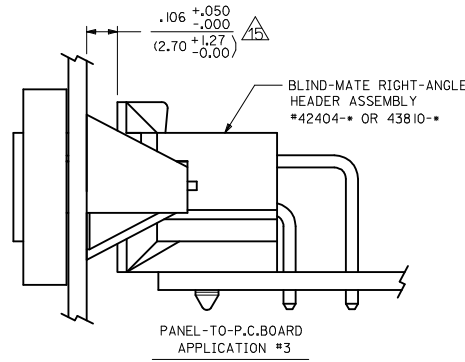
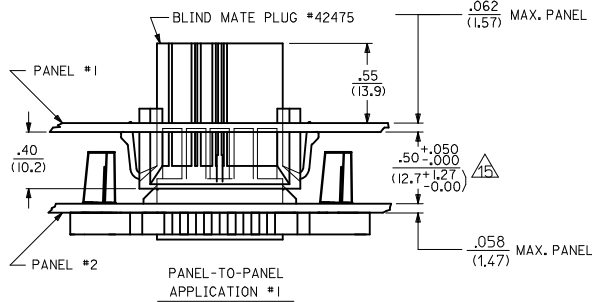
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ALIGNMENT TOLERANCES FOR .050/1.27 MAX. BOARD-TO-PANEL MISALIGNMENT
(+.050/1.27 RECEPTACLE FLOAT)

ITEM NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1.)
NOT TOOLED	2	5 = GLOW WIRE
42474-045I	4	5 = GLOW WIRE
NOT TOOLED	6	5 = GLOW WIRE
NOT TOOLED	8	5 = GLOW WIRE
NOT TOOLED	10	5 = GLOW WIRE
NOT TOOLED	12	5 = GLOW WIRE
NOT TOOLED	14	5 = GLOW WIRE
NOT TOOLED	16	5 = GLOW WIRE
NOT TOOLED	18	5 = GLOW WIRE
NOT TOOLED	20	5 = GLOW WIRE
NOT TOOLED	22	5 = GLOW WIRE
NOT TOOLED	24	5 = GLOW WIRE

SEE SHEET 1 EC NO: UCP2015-1976 DRWN:JDOX 2014/11/13 CHKD:JBELL 2014/11/13 APPR:FSMITH 2015/02/19 A	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE PANEL-MOUNT RECEPTACLE BLIND MATE MINI-FIT JR. SERIES molex			
				 =0  =0  =0		mm	INCH	DRAWN BY JDOFX	DATE 2014/11/13					
					4 PLACES	± ---	± ---	CHECKED BY JBELL	DATE 2014/11/13					
					3 PLACES	± ---	± .015	APPROVED BY	DATE					
					2 PLACES	± 0.38	± ---	FSMITH	2015/02/19					
					1 PLACE	± ---	± ---							
					0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				ANGULAR ±1/2°				SEE CHART				SD-42474-***5*		2 OF 2
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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