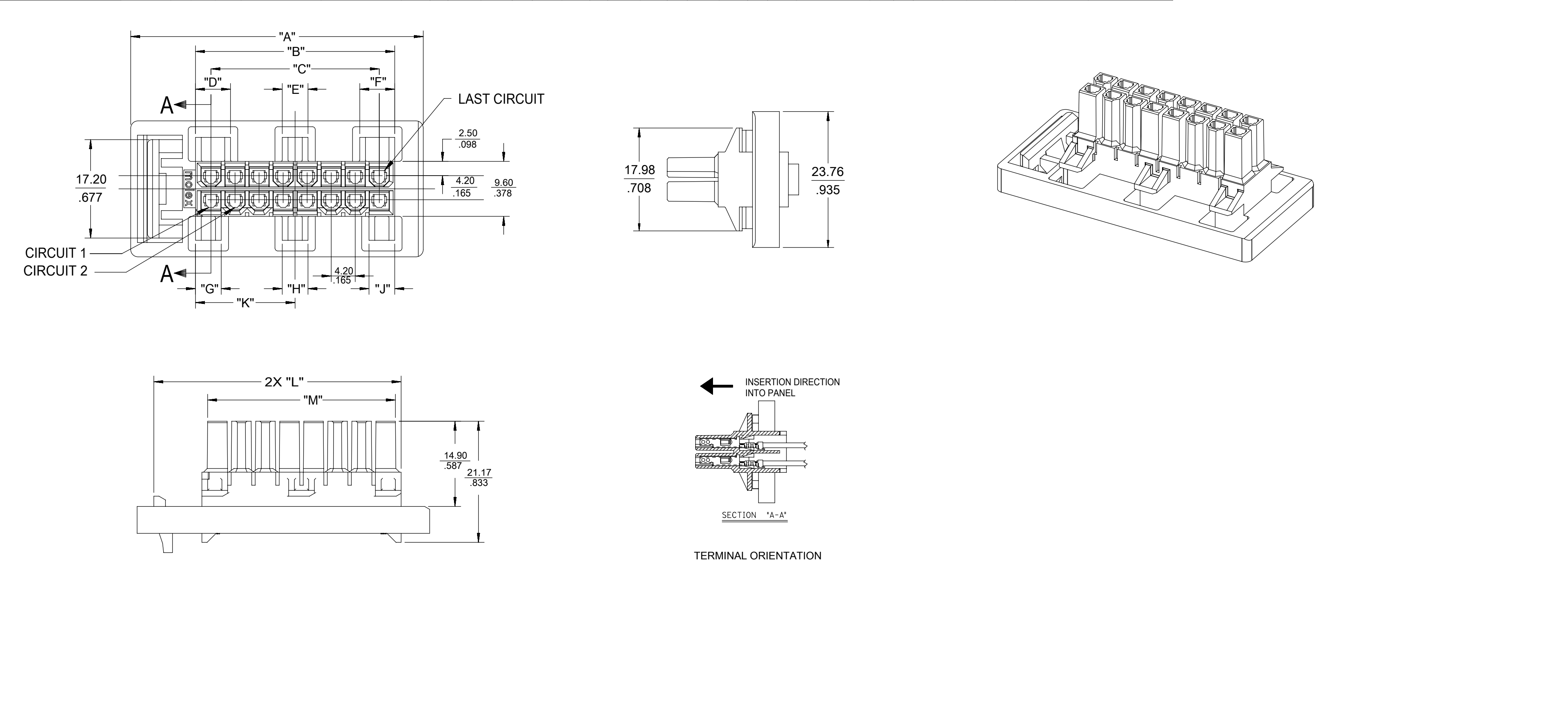


12		11		10		9		8		7		6		5		4		3		2		1
CKT. SIZE	MATERIAL NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"	DIM. "J"	DIM. "K"	DIM. "L"	DIM. "M"	PACKAGING SPECIFICATION								
4	44516-2002	25.9 (1.02)	9.60 (.378)	4.20 (.165)	N/A	4.50 (.177)	N/A	N/A	4.50 (.177)	N/A	4.80 (.189)	18.00 (.709)	7.60 (.299)	PK-44516-002								
6	44516-2003	30.10 (1.185)	13.80 (.543)	8.40 (.331)	N/A	4.50 (.177)	N/A	N/A	4.50 (.177)	N/A	6.90 (.272)	22.20 (.874)	11.80 (.465)	PK-44516-002								
8	44516-2004	34.3 (1.35)	18.00 (.709)	12.60 (.496)	N/A	6.11 (.240)	N/A	4.50 (.177)	N/A	4.50 (.177)	9.00 (.354)	26.40 (1.039)	16.00 (.630)	PK-44516-002								
10	44516-2005	38.5 (1.52)	22.20 (.874)	16.80 (.661)	N/A	6.11 (.240)	N/A	4.50 (.177)	N/A	4.50 (.177)	11.10 (.437)	30.60 (1.205)	20.20 (.795)	PK-44516-002								
12	44516-2006	42.70 (1.681)	26.40 (1.039)	21.00 (.827)	6.11 (.240)	N/A	6.11 (.240)	4.50 (.177)	N/A	4.50 (.177)	N/A	34.80 (1.370)	24.40 (.961)	PK-44516-002								
14	44516-2007	46.9 (1.85)	30.60 (1.205)	25.20 (.992)	6.11 (.240)	3.59 (.141)	6.11 (.240)	4.50 (.177)	3.59 (.141)	4.50 (.177)	15.30 (.602)	39.00 (1.535)	28.60 (1.126)	PK-44516-005								
16	44516-2008	51.1 (2.01)	34.80 (1.370)	29.40 (1.157)	6.11 (.240)	4.50 (.177)	6.11 (.240)	4.50 (.177)	4.50 (.177)	4.50 (.177)	17.40 (.685)	43.20 (1.701)	32.80 (1.291)	PK-44516-002								



NOTES:

1. MATERIAL:
NYLON, UL94V-2, COLOR:BLACK, IEC 60335-1,
5TH EDITION, GLOW WIRE CAPABLE

2. FINISH: N/A

3. PRODUCT SPECIFICATION: PS-5556-002

4. PACKAGING SPECIFICATION: SEE CHART

5. PART MATES WITH MINI-FIT B.M.I. PLUG #42475,
AND HEADERS 42404, 42440, 44068, 43879,
43810.

6. A MAXIMUM TOLERANCE OF 1.27/(.050) ALLOWS
FOR 2 POINTS OF ELECTRICAL CONTACT.
A MAXIMUM TOLERANCE OF .51/(.020) ALLOWS
FOR 4 POINTS OF CONTACT.

7. PART TO BE USED WITH MOLEX FEMALE
TERMINAL #5556 OR 45750.

8. WIRES TO BE DRESSED IN SUCH A MANNER
TO ALLOW THE TERMINALS TO FLOAT FREELY
IN THE POCKETS AND THE CONNECTOR TO
FLOAT FREELY IN THE PANEL.

9. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED
OR UNMATED WHILE CIRCUITS ARE LIVE.

10. PANEL SHOULD BE PUNCHED IN THE DIRECTION
OPPOSITE OF CONNECTOR INSERTION.

11. THIS PART IS NOT INTENDED TO PROVIDE
ANY ALIGNMENT OF CUSTOMER COMPONENTS OR
MODULES, SUCH AS POWER SUPPLIES AND
CHASSIS.

12. SEE SHEET 2 FOR PANEL CUTOUT
DIMENSIONS. PANEL CUTOUT DIMENSIONS
HAVE A TOLERANCE OF ± .076/(.003).

13. MOLEX RECOMMENDS 1.57/1.19/(.062/.047)
MAX./MIN. PANEL THICKNESS.

14. IT IS THE RESPONSIBILITY OF THE CUSTOMER
TO ENSURE THAT THE PANEL TO WHICH THE
RECEPTACLE IS MOUNTED IS SUFFICIENTLY
SUPPORTED SO THAT FLEXING OF THE PANEL
DURING MATING DOES NOT PREVENT
THE CONNECTOR SYSTEMFROM BEING FULLY MATED.

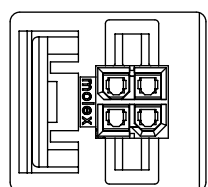
15. THIS PART IS NOT INTENDED TO ACT AS A
HARD STOP FOR CUSTOMER COMPONENTS.

16. THIS CONNECTOR ALLOWS FOR 1.27/(.050)
MAX. MISALIGNMENT IN ANY DIRETION

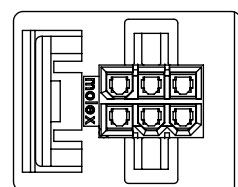
17. PART CONFORMS TO CLASS "B" REQUIREMENTS
OF COSMETIC SPECIFICATION PS-45499-002 WITH
THE EXCEPTION OF DISCOLORATION,
SINK, & FLASH MEETS CLASS "C" REQUIREMENTS.

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REM NOT TOOLED MARKS					
	MM/IN		2:1		EC NO: 615181 DRWN: JBAUMERT 2019/03/14 CHK'D: DSTEIER 2019/04/18 APPR: FSMITH 2019/04/23 INITIAL REVISION: DRWN: HRIBAR 2001/08/21 APPR: MARGULIS 2001/08/21					
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM		INCH						
	4 PLACES	±		±	MATERIAL NUMBER: 445160004-SD CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2					
	3 PLACES	±		± 0.01						
	2 PLACES	±	0.25	± 0.014						
	1 PLACE	±	0.35	±	THIRD ANGLE PROJECTION DRAWING SERIES C-SIZE 44516					
	0 PLACES	±		±						
	ANGULAR TOL ± 0.5 °									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

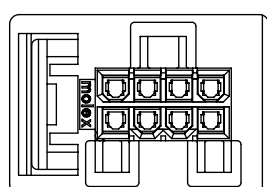
TOP VIEWS



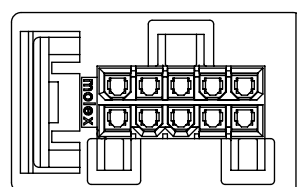
4 CIRCUIT



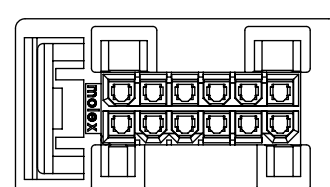
6 CIRCUIT



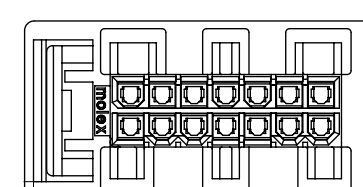
8 CIRCUIT



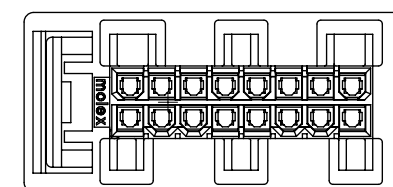
10 CIRCUIT



12 CIRCUIT

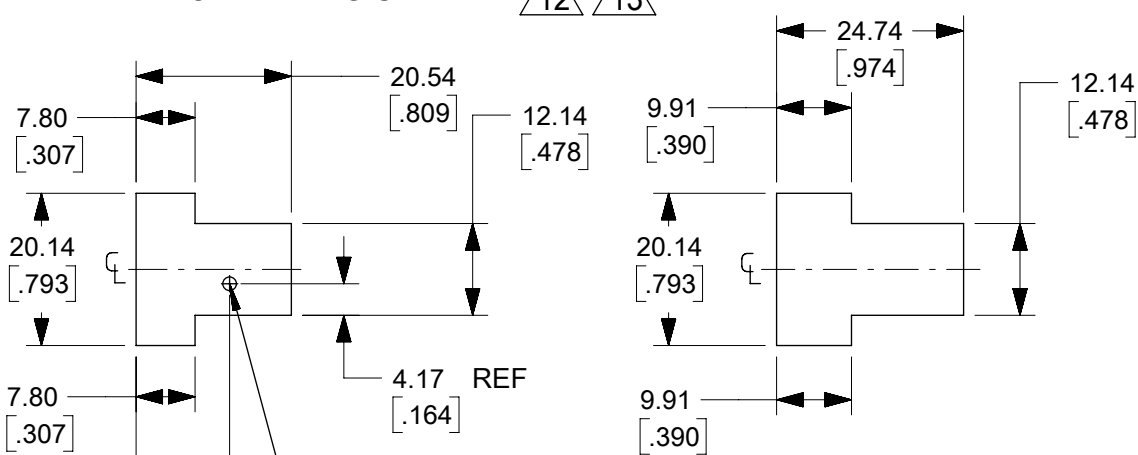
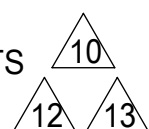


14 CIRCUIT

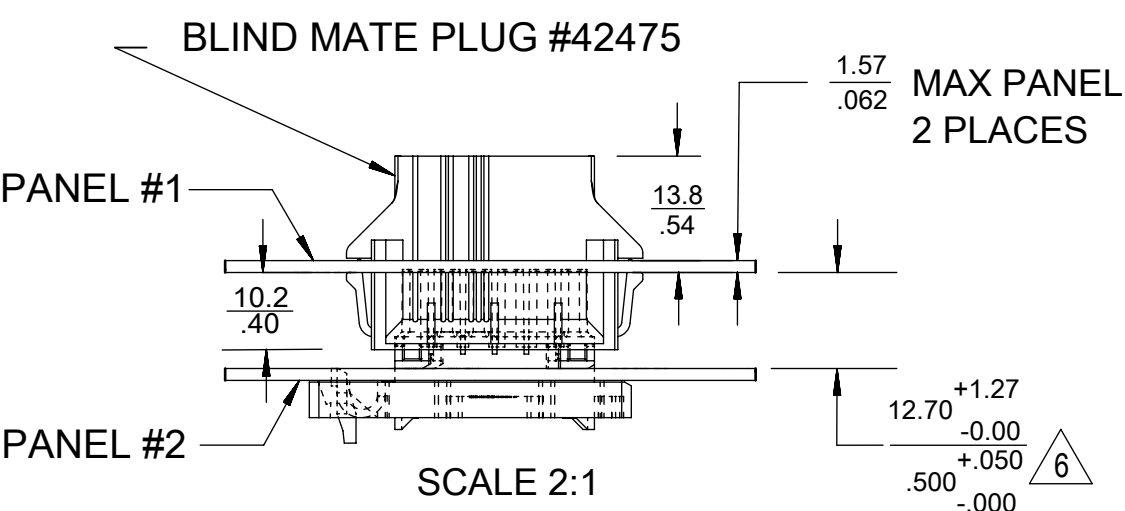


16 CIRCUIT

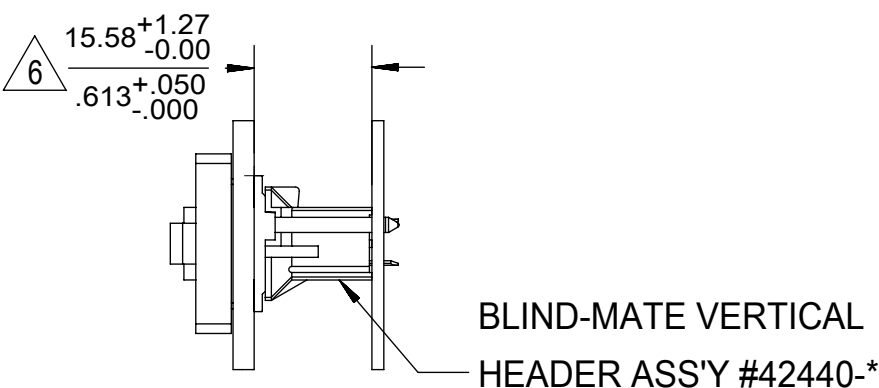
RECOMMENDED PANEL CUTOUTS
VIEWED FROM MATING SIDE



- CIRCUIT #1 LOCATION
(TYP ALL CUTOUTS)

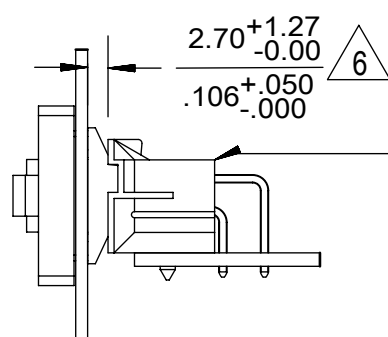


PANEL-TO-PANEL APPLICATION #1



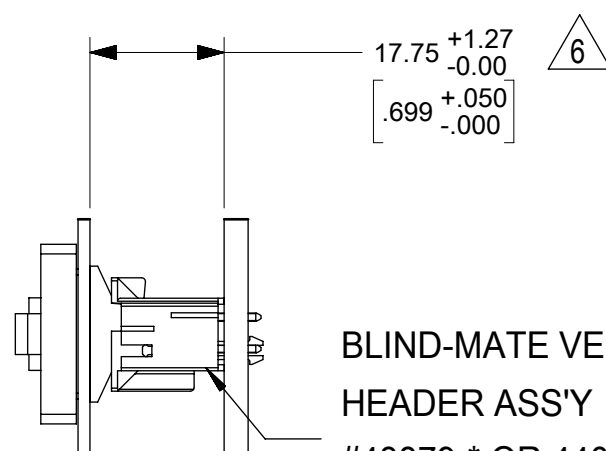
SCALE 2:1

PANEL-TO-P.C. BOARD APPLICATION #2



SCALE 2:1

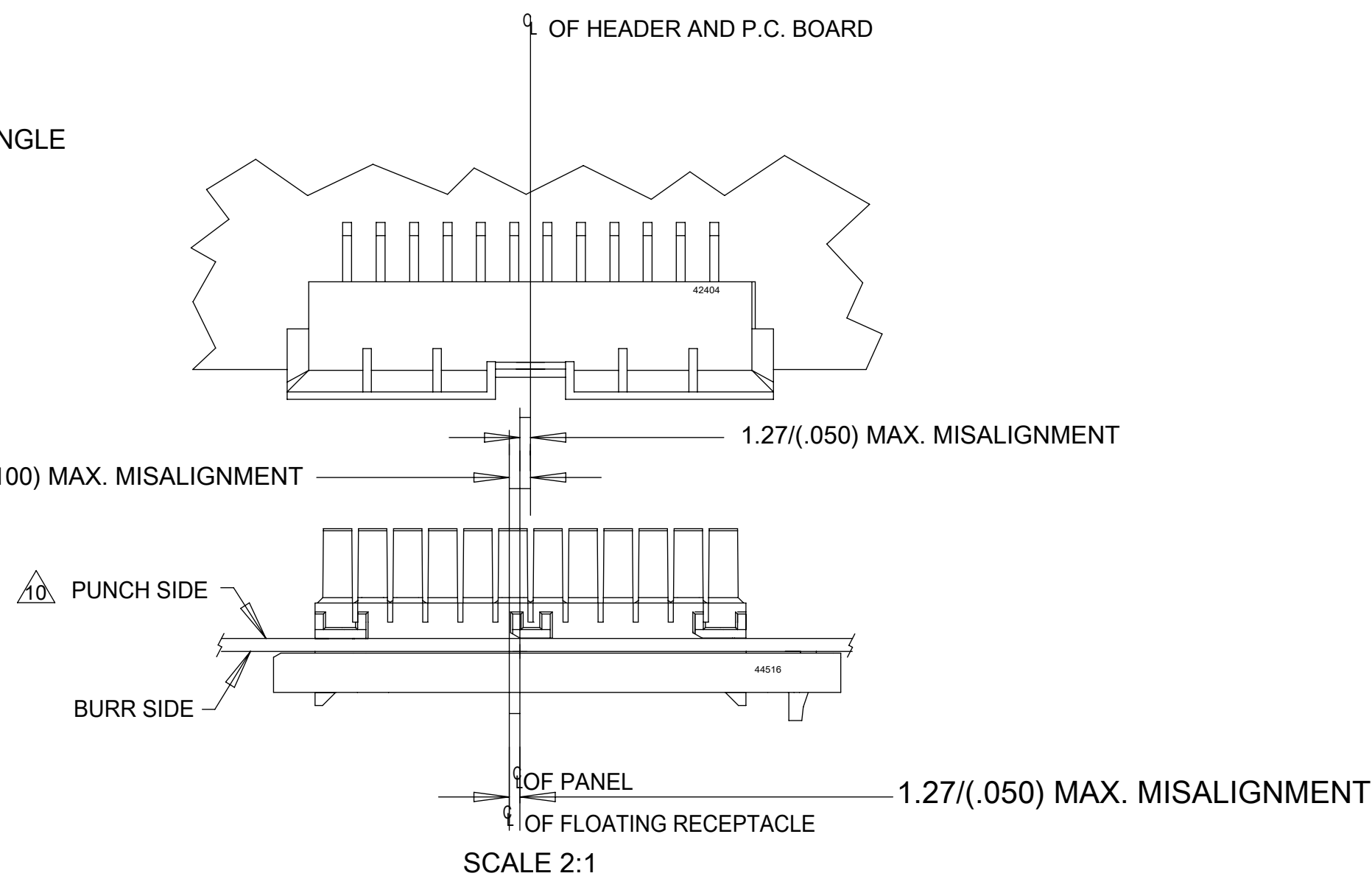
PANEL-TO-P.C. BOARD APPLICATION #3



SCALE 2:1

PANEL-TO-P.C. BOARD APPLICATION #4

BLIND-MATE RIGHT-ANGLE
HEADER ASS'Y
#42404-* OR 43810-*



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

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
 = 0	MM/IN	SCALE		CURRENT REV DESC: REM NOT TOOLED MARKS							
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)									PANEL-MOUNT RECEPTACLE, 4-16 CKT. BLIND MATE, MINI-FIT SLIDE 'N' LOCK GLOWWIRE
 = 0											
 = 0		MM	INCH				PRODUCT CUSTOMER DRAWING				
 = 0	4 PLACES	±	±								DOCUMENT NUMBER 445160004-SD
 = 0	3 PLACES	±	± 0.01	DOC TYPE PSD							
 = 0	2 PLACES	± 0.25	± 0.014								DOC PART 000
 = 0	1 PLACE	± 0.35	±	REVISION A2							
 = 0	0 PLACES	±	±					MATERIAL NUMBER SEE CHART			
 = 0	ANGULAR TOL		± 0.5 °	CUSTOMER GENERAL MARKET							
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							SHEET NUMBER 2 OF 2			
= 0											

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