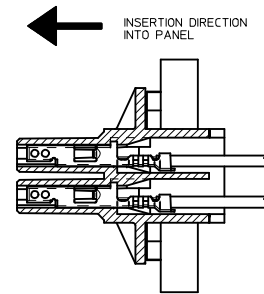
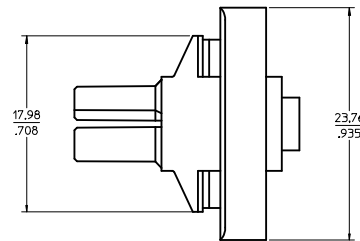
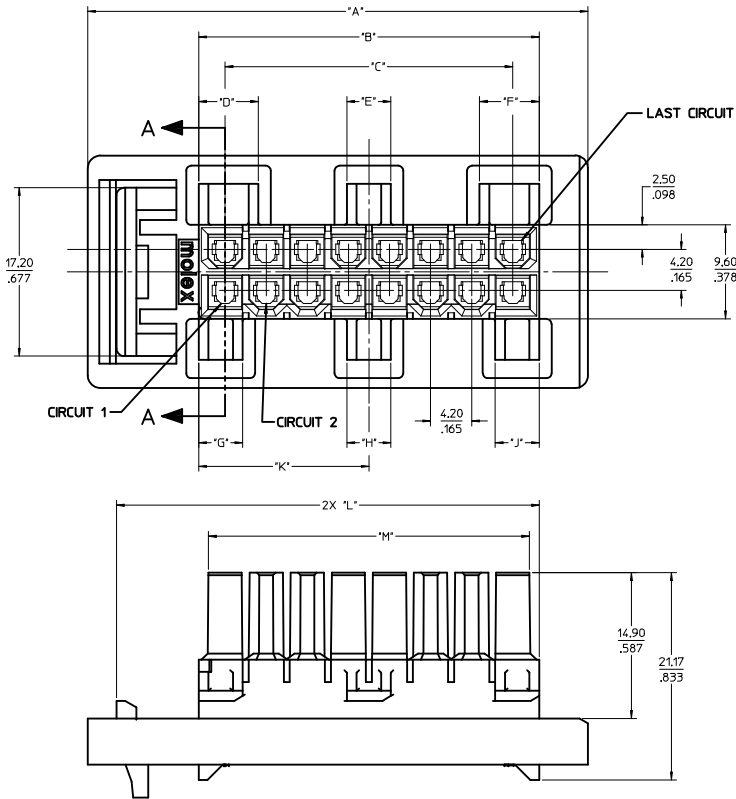
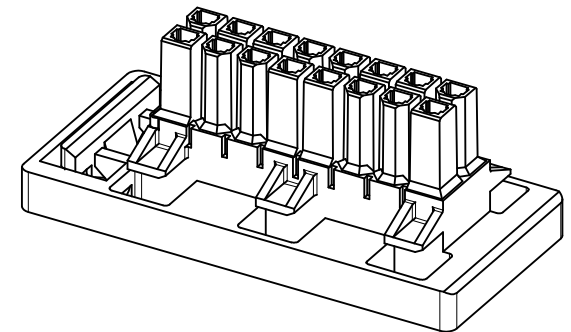


			20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	CKT. SIZE	MATERIAL NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"	DIM. "J"	DIM. "K"	DIM. "L"	DIM. "M"	MATERIAL	PACKAGING SPECIFICATION							
M	4	X	44516-0002	25.9 (1.02)	9.60 (.378)	4.20 (.165)	N/A	4.50 (.177)	N/A	N/A	4.50 (.177)	N/A	4.80 (.189)	18.00 (.709)	7.60 (.299)	UNFILLED NYLON 6/6 UL94V-0	PK-44516-002						
	6		44516-0003	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)	11.00 (.433)	UNFILLED NYLON 6/6 UL94V-0	PK-44516-002						
	8	X	44516-0004	34.3 (1.35)	18.00 (.709)	12.60 (.496)	N/A	6.11 (.240)	N/A	4.50 (.177)	4.50 (.177)	N/A	9.00 (.354)	26.40 (1.039)	16.00 (.630)	UNFILLED NYLON 6/6 UL94V-0	PK-44516-002						
	10	X	44516-0005	38.5 (1.52)	22.20 (.874)	16.80 (.661)	N/A	6.11 (.240)	N/A	4.50 (.177)	4.50 (.177)	N/A	11.10 (.437)	30.60 (1.205)	20.20 (.795)	UNFILLED NYLON 6/6 UL94V-0	PK-44516-002						
L	12		44516-0006	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)	UNFILLED PBT UL94V-0	PK-44516-002						
	14		44516-0007	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)	UNFILLED NYLON 6/6 UL94V-0	PK-44516-005						
	16	X	44516-0008	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)	12.40 (.488)	43.20 (1.701)	32.80 (1.291)	UNFILLED NYLON 6/6 UL94V-0	PK-44516-002							

"X" = NOT TOOLED



SECTION "A-A"
TERMINAL ORIENTATION



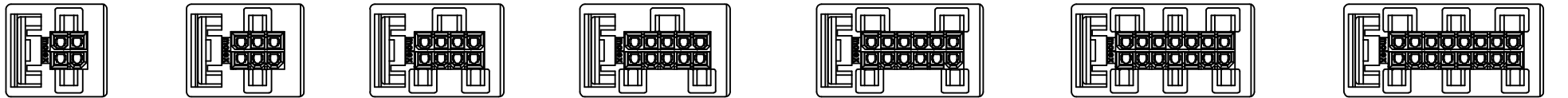
NOTES:

- MATERIAL: SEE CHART, COLOR: BLACK
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-44516-001
- PACKAGING SPECIFICATION: SEE CHART
- PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 44068, 43879, 43810.
- A MAXIMUM TOLERANCE OF .127/(.050) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT. A MAXIMUM TOLERANCE OF .51/(.020) ALLOWS FOR 4 POINTS OF CONTACT.
- PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556 OR 45750.
- 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.
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UMATED WHILE CIRCUITS ARE LIVE.
- PANEL SHOULD BE PUNCHED IN THE DIRECTION OPPOSITE OF CONNECTOR INSERTION.
- THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
- SEE SHEET 2 FOR PANEL CUTOUT DIMENSIONS. PANEL CUTOUT DIMENSIONS HAVE A TOLERANCE OF .076/(.003).
- MOLEX RECOMMENDS .157/(.119)/(0.062/.047) MAX./MIN. PANEL THICKNESS.
- 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 SYSTEM FROM BEING FULLY MATED.
- THIS PART IS NOT INTENDED TO ACT AS A HARD STOP FOR CUSTOMER COMPONENTS.
- THIS CONNECTOR ALLOWS FOR .127/(.050) MAX. MISALIGNMENT IN ANY DIRECTION.
- PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF SINK & FLASH MEETS CLASS "C" REQUIREMENTS.

UPDATE NOTE 4 EC NO: UCP2013-0642 DRAWN BY: DRYNAN NGUYEN 2012/06/11 CHKD BY: CHYD J. BELL 2012/08/15 APPR: SMITH	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE			
			▽=0	4 PLACES	± .010	± .010	HRI BAR	01/08/21			PANEL-MOUNT RECEPTACLE, 4-16 CKT. BLIND MATE, MINI-FIT SLIDE 'N' LOCK
			▽=0	3 PLACES	± .010	± .010	CHECKED BY	DATE			
			▽=0	2 PLACES	± 0.25	± .014	BANDURA	01/08/21			
				1 PLACE	± 0.35	± .014	APPROVED BY	DATE			
				ANGULAR ± 1/2°		MARGULIS	01/08/21	 MOLEX INCORPORATED			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
						SEE CHART		SD-44516-004			1 OF 2
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

TOP VIEWS



4 CIRCUIT

6 CIRCUIT

8 CIRCUIT

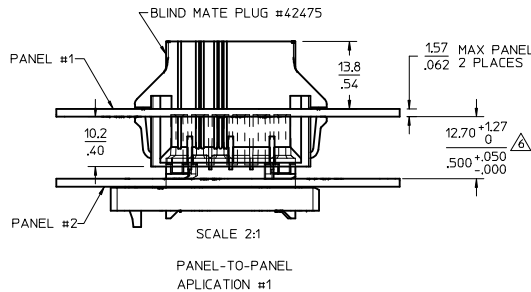
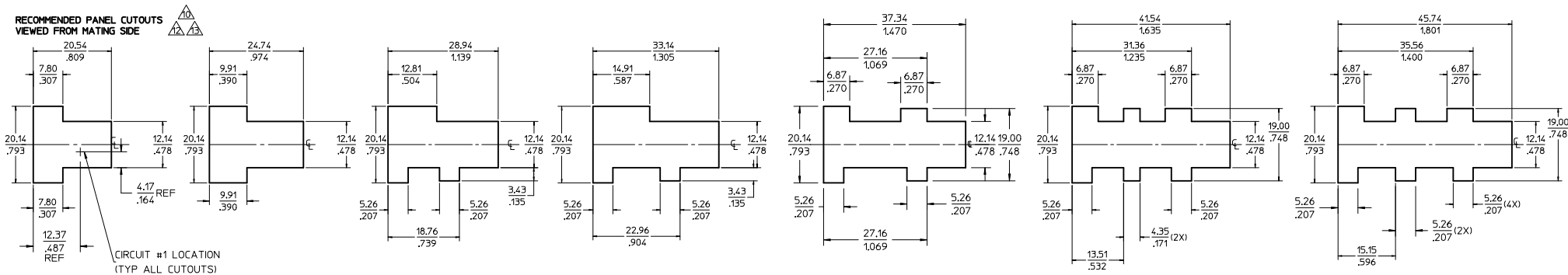
10 CIRCUIT

12 CIRCUIT

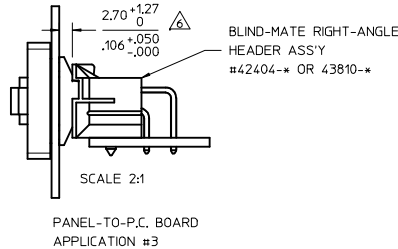
14 CIRCUIT

16 CIRCUIT

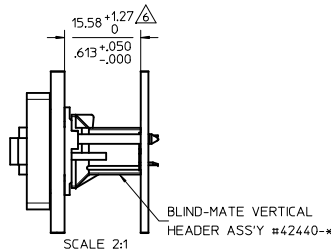
RECOMMENDED PANEL CUTOUTS
VIEWED FROM MATING SIDE



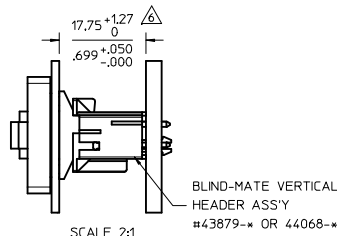
PANEL-TO-PANEL
APPLICATION #1



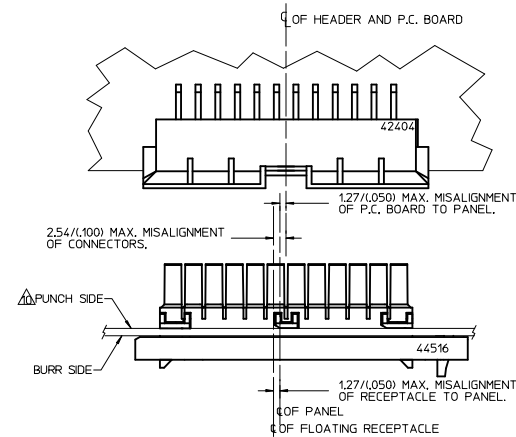
PANEL-TO-P.C. BOARD
APPLICATION #3



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



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



ALIGNMENT TOLERANCES FOR 127/(.050) MAX. BOARD TO PANEL MISALIGNMENT
±.127/(.050) RECEPTACLE FLOAT

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM/IN	DATE			
1	SEE SHEET 1	▽=0	4 PLACES ± .005	± .005	HRI BAR	01/08/21	2:1	METRIC	PANEL-MOUNT RECEPTACLE, 4-16 CKT. BLIND MATE, MINI-FIT SLIDE 'N' LOCK
2	EC NO: UCP2013-0642	▽=0	3 PLACES ± .005	± .010	CHECKED BY	DATE			
3	2012/06/11	▽=0	2 PLACES ± .025	± .014	BANDURA	01/08/21			MOLEX INCORPORATED
4	2012/08/15	▽=0	1 PLACE ± .035	± .010	APPROVED BY	DATE			
5	2012/08/15		ANGULAR ± 1/2°		MARGULIS	01/08/21			SD-44516-004
6			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
7									SHEET NO. 2 OF 2
8									
9									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
10									
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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9