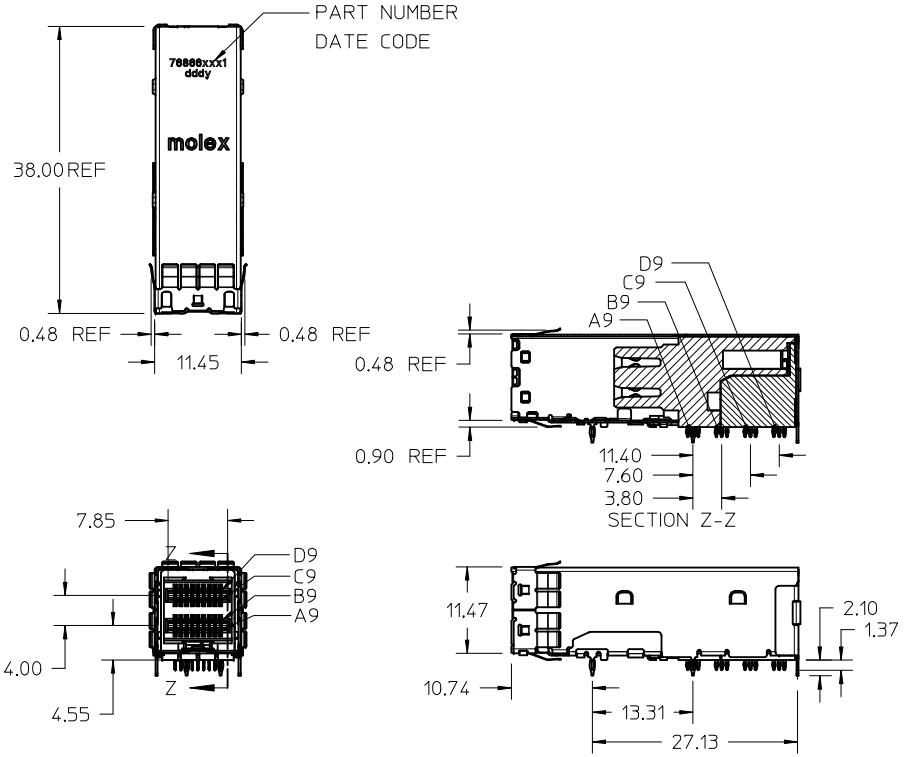




NOTES:

1. MATERIALS:
   - CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0
   - EMI CAGE: NICKEL SILVER ALLOY
   - EMI FINGERS: COPPER ALLOY
   - TERMINALS: COPPER ALLOY
2. FINISHES:
   - EMI FINGERS: 0.50μM MIN NICKEL
   - CONTACT AREA: 0.76μM MIN GOLD OVER 2.54μM MIN NICKEL
   - TAIL AREA:
     - OPTION 1: 0.76μM-1.52μM TIN/LEAD (90/10) OVER 2.54μM MIN NICKEL
     - OPTION 2: 0.76μM-1.52μM TIN (LEAD FREE) OVER 2.54μM MIN NICKEL
3. PRODUCT SPECIFICATION: PS-76866-001
4. PACKAGING SPECIFICATION: PK-76866-001
5. MATES WITH: MOLEX CABLE SERIES 111068
6. RECOMMENDED MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW
   MOUNTING SCREW LENGTH: BOARD THICKNESS + 1.4MM MAX (0.9MM MIN)
   MOUNTING HARDWARE NOT SUPPLIED

PLATING OPT.	MATERIAL NO.
OPTION 1	76866-0001
OPTION 2	76866-0011

REV NOTE REF SHT4
EC NO: UCP2013-1619 2012/10/25
DRWN:KBINGHAM
CH'KD:
APPR:TMCCLELL 2012/10/29
DESCRIPTION
D3
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KLANG DATE: 2009/03/04
CHECKED BY: DATE:
APPROVED BY: MBANAKIS DATE: 2010/01/14
MATERIAL NO.: SEE CHART

TITLE: IPASS PLUS HD 1X1 ASSEMBLY

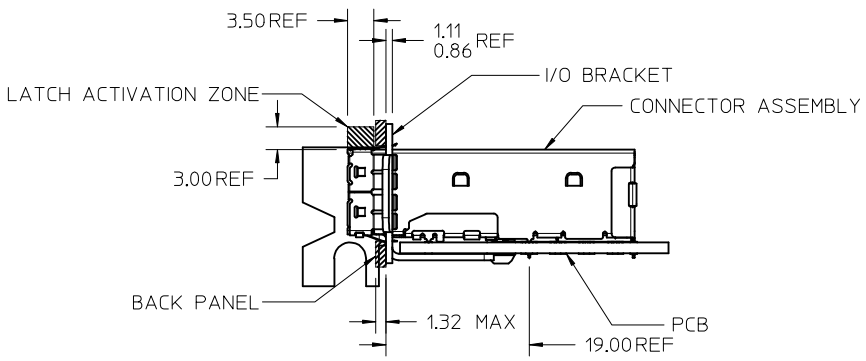
MOLEX INCORPORATED

DOCUMENT NO.: SD-76866-001
SHEET NO.: 1 OF 7

SIZE: C

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

PCI ADD-IN CARD APPLICATION



ASSEMBLED VIEW

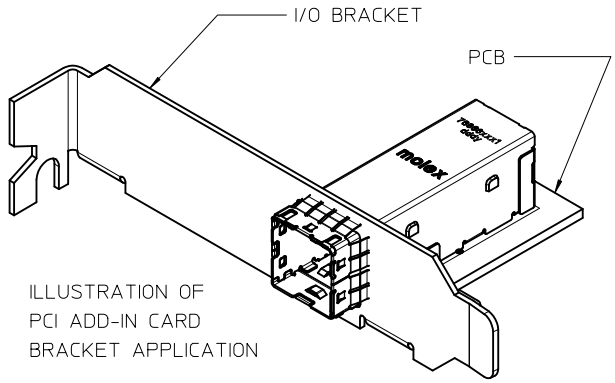
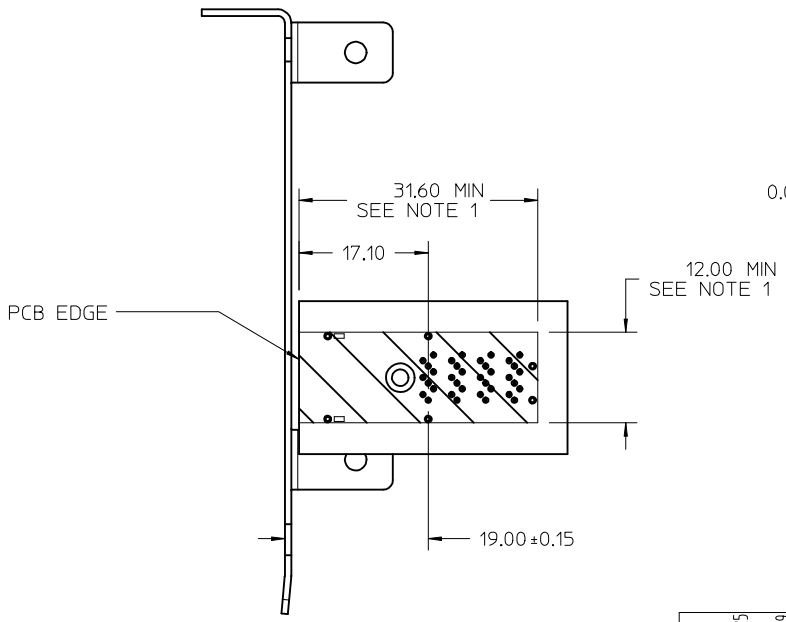
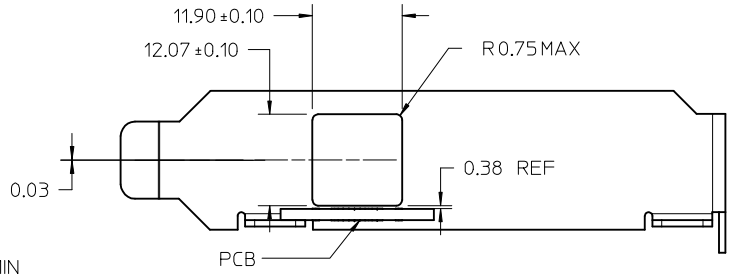


ILLUSTRATION OF
PCI ADD-IN CARD
BRACKET APPLICATION



PCB TO BRACKET VIEW

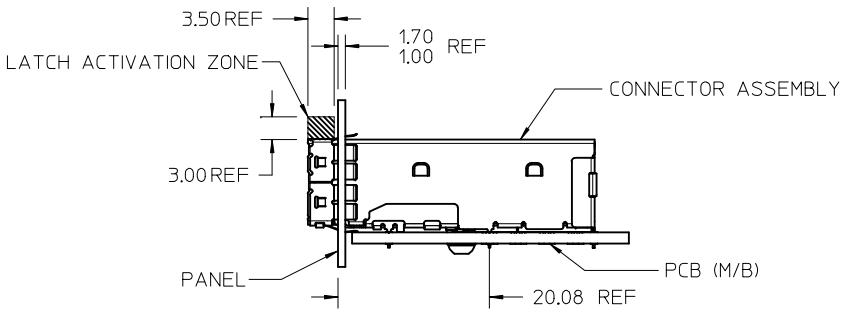


I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
EC NO: UCP2013-1619 2012/10/25	▼=0		mm	INCH	MM ONLY	2:1	METRIC				
DRWN:KBINGHAM 2012/10/29	▽(C)=0	4 PLACES	± ---	± ---	DRAWN BY KLANG	DATE 2009/03/04	TITLE	IPASS PLUS HD 1X1 ASSEMBLY			
CHKD:		3 PLACES	± ---	± ---	CHECKED BY	DATE					
APPR:TMCCLELL 2012/10/29		2 PLACES	± 0.13	± ---							
DESCRIPTION		1 PLACE	± 0.25	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14	molex	MOLEX INCORPORATED			
REV		ANGULAR ±1/2°			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-76866-001		SHEET NO. 2 OF 7		
D3		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				

ALL OTHER M/B APPLICATIONS



ASSEMBLED VIEW

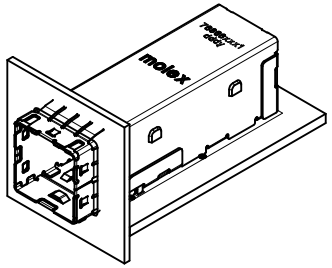
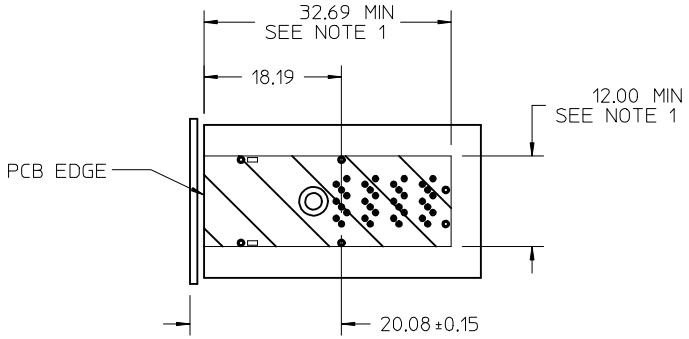
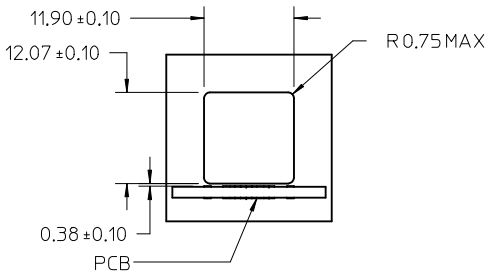


ILLUSTRATION OF
ALL OTHER M/B
BRACKET APPLICATION



PCB TO BRACKET VIEW

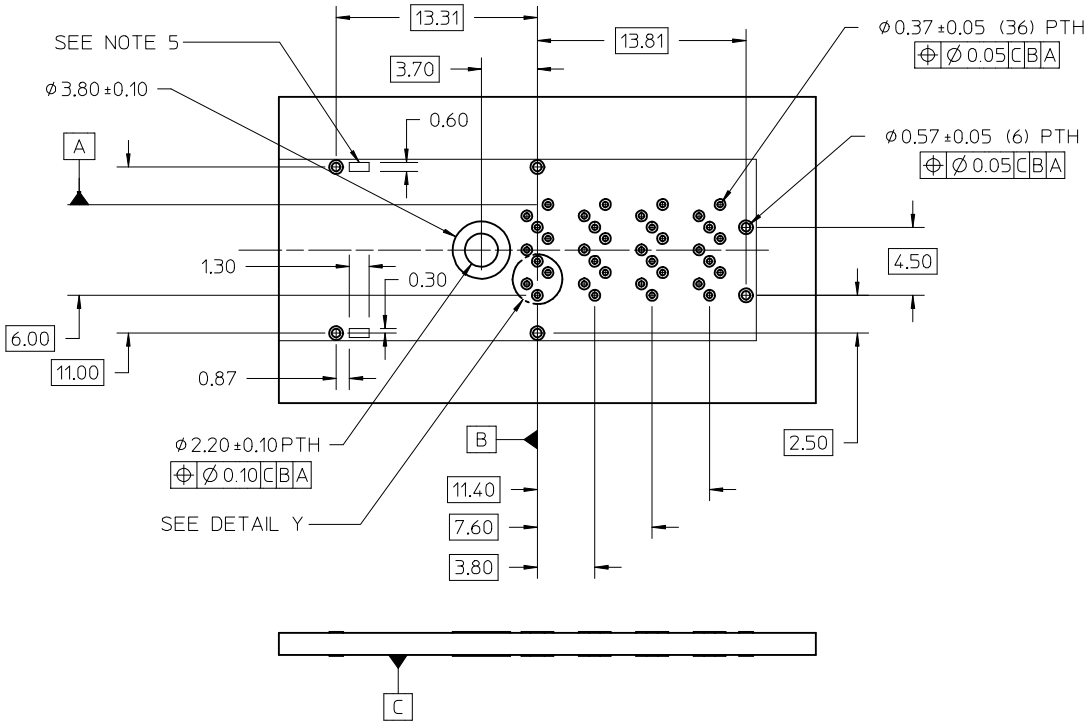


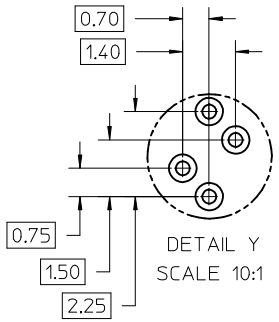
I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

NOTES:
1. CONNECTOR KEEP OUT AREA

SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
EC NO: UCP2013-1619 2012/10/25			mm	INCH	MM ONLY	2:1	METRIC				
DRWN:KBINGHAM 2012/10/29	=0	4 PLACES	± ---	± ---	DRAWN BY KLANG	DATE 2009/03/04	TITLE	IPASS PLUS HD 1X1 ASSEMBLY			
CHKD:	=0	3 PLACES	± ---	± ---	CHECKED BY	DATE					
APPR:TMCCLELL 2012/10/29	=0	2 PLACES	± 0.13	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14	molex	MOLEX INCORPORATED			
DESCRIPTION		1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
REV		ANGULAR ±1/2°			SEE CHART		SD-76866-001		3 OF 7		
D3		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				

RECOMMENDED FOOTPRINT





NOTES:

1. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR A 0.37ø FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
2. MINIMUM RECOMMENDED SPACING: 14.00MM
3. MINIMUM PCB THICKNESS: 1.57MM
4. RECOMMENDED DRILL SIZE AND ANNULAR RING FOR A 0.57ø FINISHED PTH - REFER TO APPLICATION SPECIFICATION AS-76866-001
5. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THESE AREAS

SEE SHEET 1
EC NO: UCP2013-1619 2012/10/25
DRWN:KBINGHAM 2012/10/29
CHKD:
APPR:TMCCLELL
DESCRIPTION
REV
D3

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KLANG DATE: 2009/03/04
CHECKED BY: DATE:
APPROVED BY: MBANAKIS DATE: 2010/01/14

TITLE: IPASS PLUS HD 1X1 ASSEMBLY

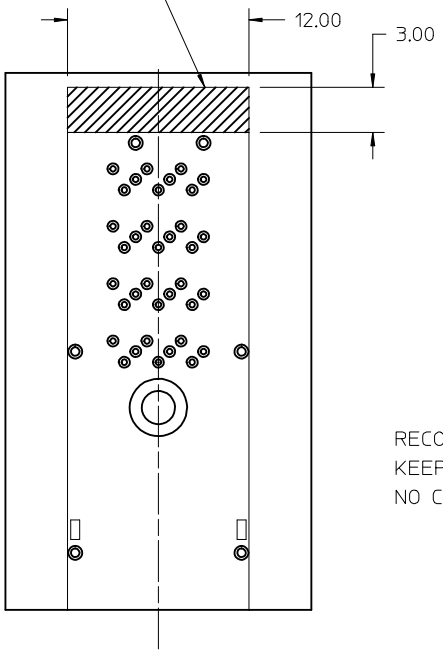
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-76866-001
SHEET NO.: 4 OF 7
SIZE: C

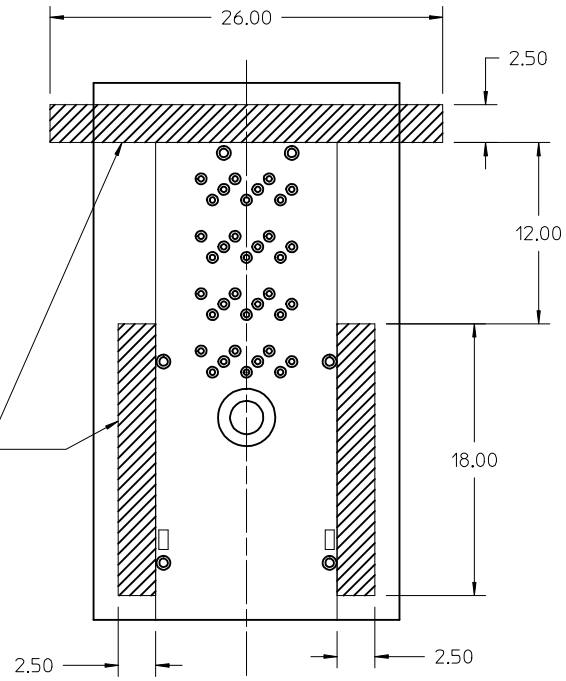
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

RECOMMENDED TOOLING KEEP OUT AREAS

RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50 mm TALL



RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SEE SHEET 1
EC NO: UCP2013-1619 2012/10/25
DRWN:KBINGHAM
CHKD:
APPR:TMCCLELL 2012/10/29
DESCRIPTION
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

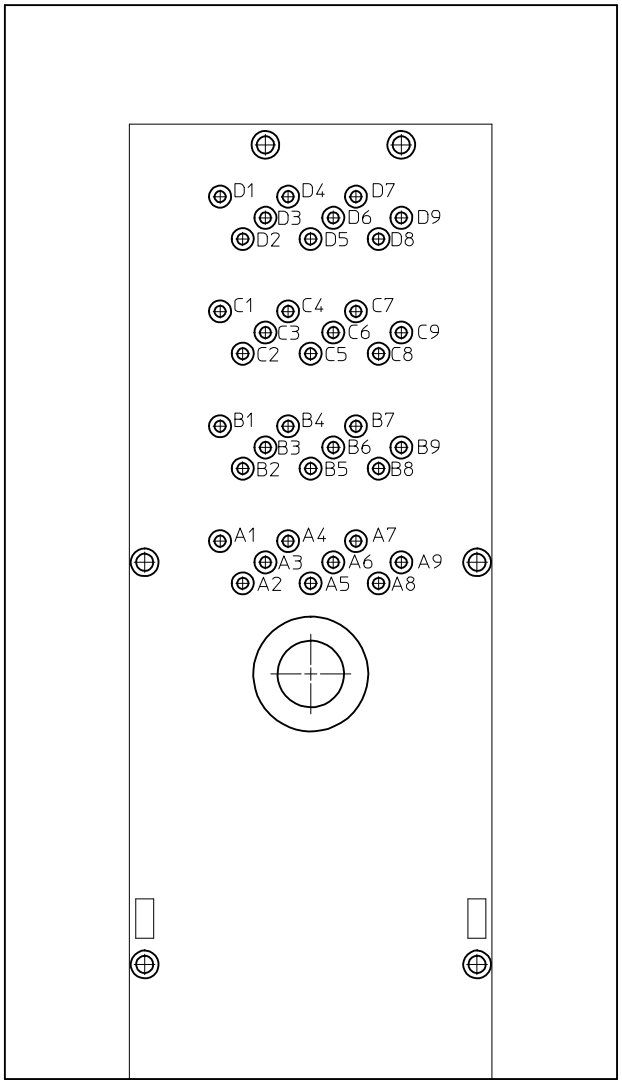
DRAWN BY: KLANG DATE: 2009/03/04
CHECKED BY: DATE:
APPROVED BY: MBANAKIS DATE: 2010/01/14

TITLE: IPASS PLUS HD 1X1 ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-76866-001
SHEET NO.: 5 OF 7
SIZE: C

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



SEE SHEET 1
EC NO: UCP2013-1619 2012/10/25
DRWN:KBINGHAM
CHKD:
APPR:TMCCLELL 2012/10/29
DESCRIPTION
REV
D3

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 8:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KLANG DATE: 2009/03/04
CHECKED BY: DATE:
APPROVED BY: MBANAKIS DATE: 2010/01/14

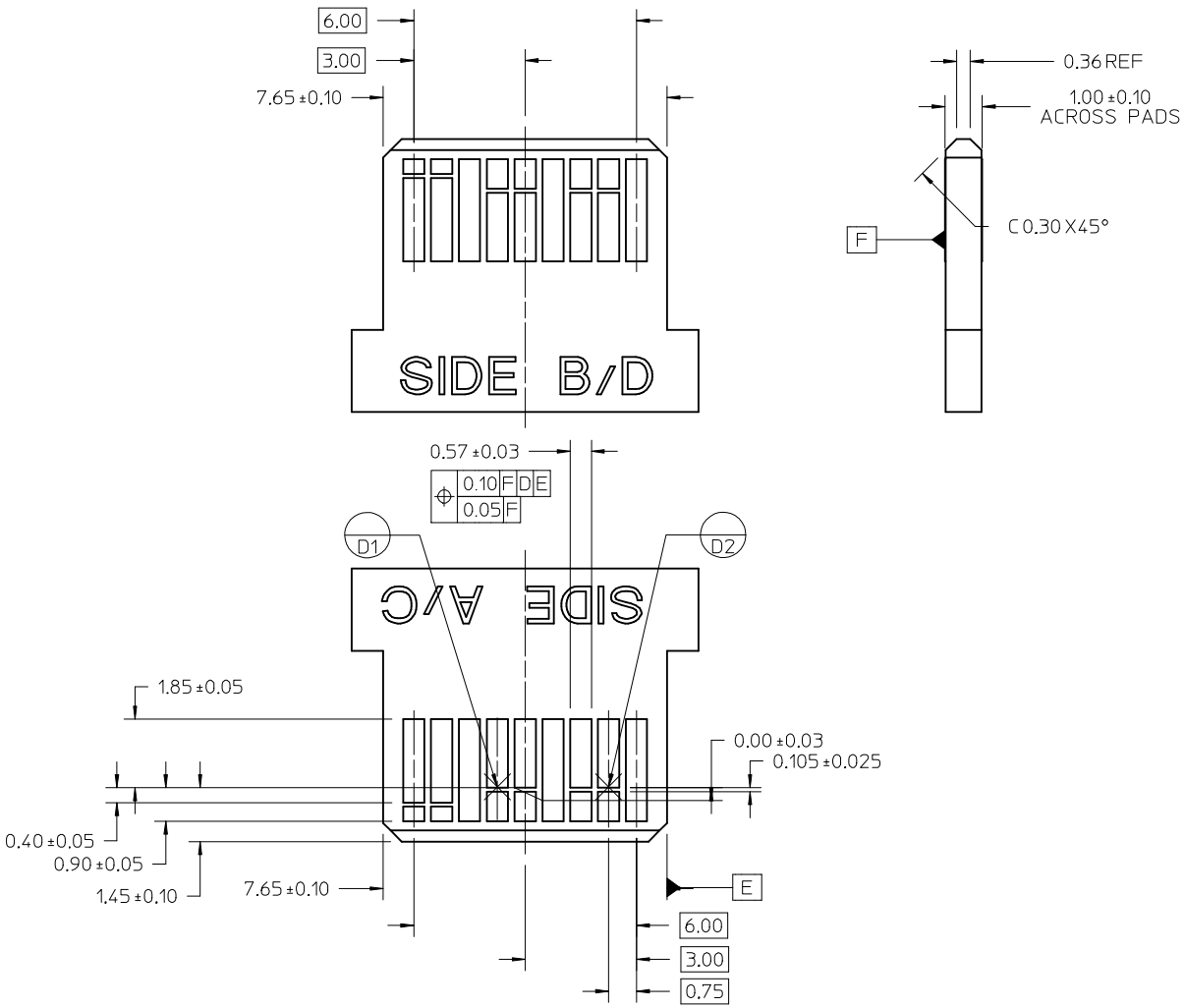
TITLE
IPASS PLUS HD
1X1 ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-76866-001
SHEET NO.: 6 OF 7

SIZE C

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



NOTES:

1. 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
2. DATUM D TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: UCP2013-1619 2012/10/25	▼=0		mm	INCH	MM ONLY	4:1	METRIC		
DRWN:KBINGHAM 2012/10/29	▽(C)=0	4 PLACES	± ---	± ---	DRAWN BY KLANG	DATE 2009/03/04	TITLE	IPASS PLUS HD 1X1 ASSEMBLY	
CHKD:		3 PLACES	± ---	± ---	CHECKED BY	DATE			
APPR:TMCCLELL 2012/10/29		2 PLACES	± 0.13	± ---					
DESCRIPTION		1 PLACE	± 0.25	± ---	APPROVED BY MBANAKIS	DATE 2010/01/14	molex	MOLEX INCORPORATED	
REV		ANGULAR ±1/2°			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-76866-001		SHEET NO. 7 OF 7
D3		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		

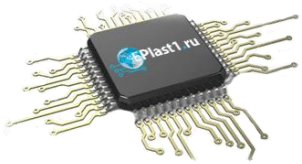
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.