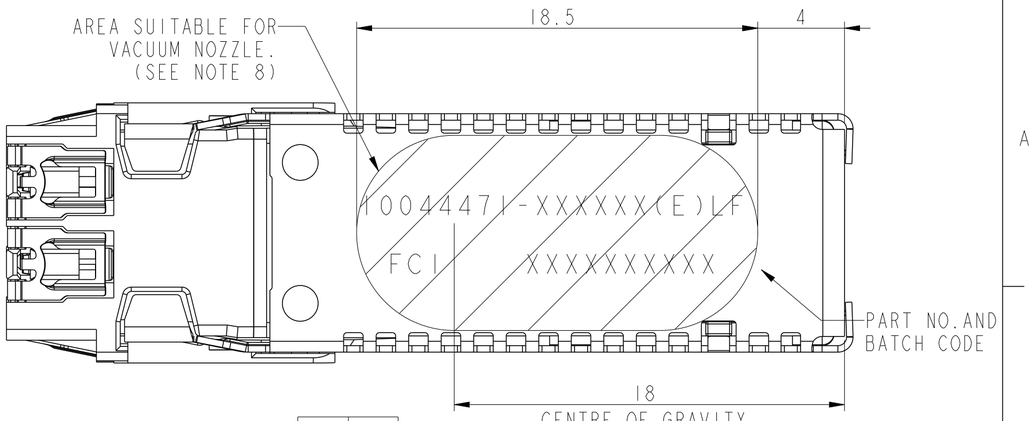
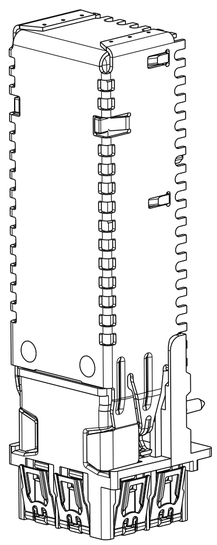
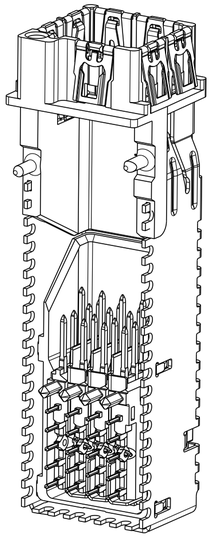
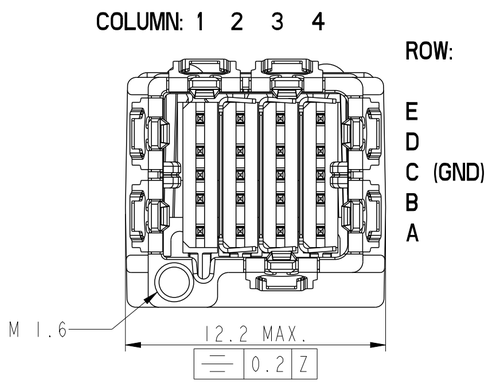
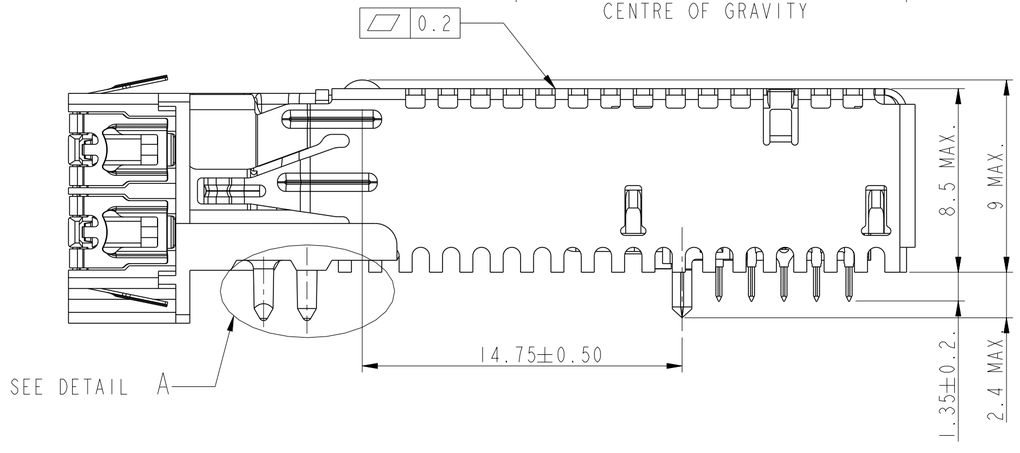
PART NUMBERING	LOADING PATTERN				PACKAGING (SEE NOTE 6)	REMARK
	COLUMN 1 (NOTE 4)	COLUMN 2	COLUMN 3	COLUMN 4		
10044471-120200LF	UNSHIELDED IMLA	EMPTY	UNSHIELDED IMLA	EMPTY	TAPE ON REEL	
10044471-122220LF	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	TAPE ON REEL	
10044471-121110LF	UNSHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	TAPE ON REEL	
10044471-120200ELF	UNSHIELDED IMLA	EMPTY	UNSHIELDED IMLA	EMPTY	TAPE ON REEL	CUSTOMIZED LABEL FOR SPECIAL P/Ns
10044471-122220ELF	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	UNSHIELDED IMLA	TAPE ON REEL	
10044471-121110ELF	UNSHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	SHIELDED IMLA	TAPE ON REEL	

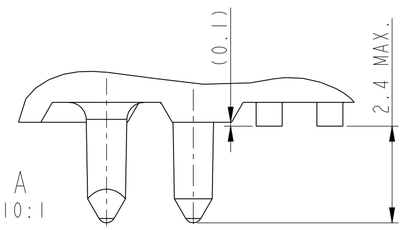


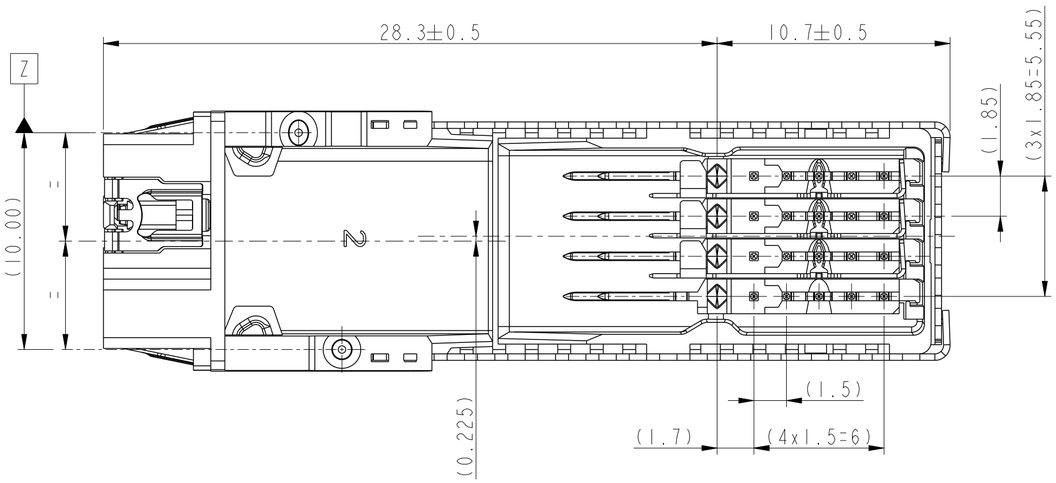












NOTES:

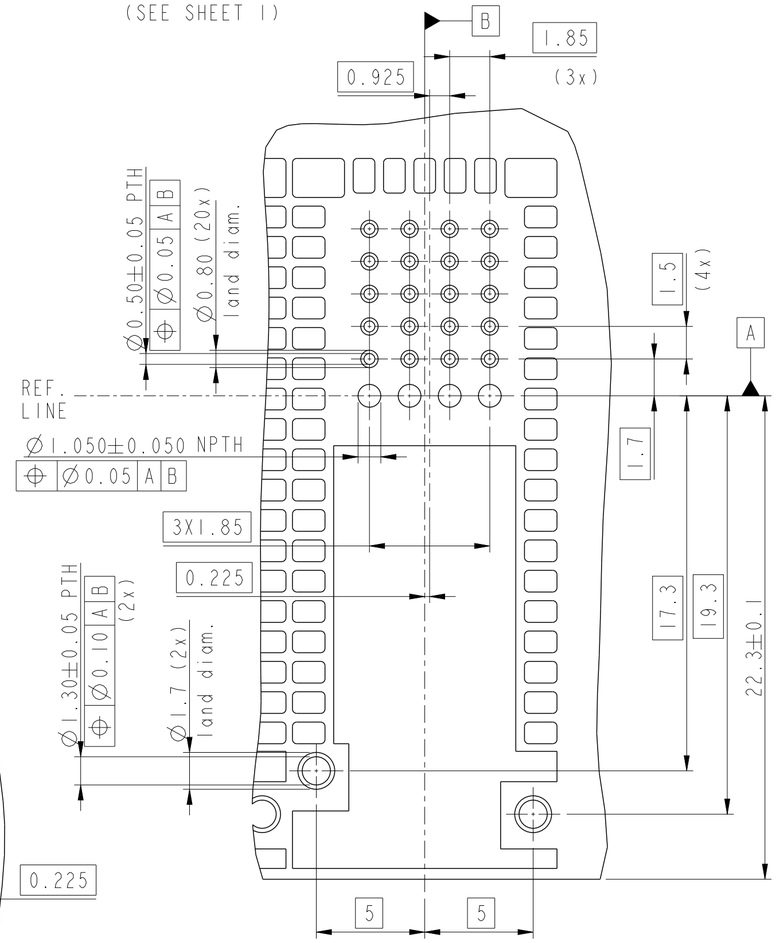
1. MATES WITH CABLE CONNECTOR 10044473-SERIES
2. MATERIALS:
   DIECAST-ENTRY: ZINC ALLOY, PLATING/FINISH: Sn PLATED WITH Ni OVER Cu UNDERLAYER,
   TOPCOVER - COPPER ALLOY,PLATING/FINISH:Sn PLATED WITH Ni UNDERLAYER,
   SPRINGS - STAINLESS STEEL,
   RETAINER - HIGH TEMPERATURE FLAME RETARDANT THERMOPLAST, COLOUR NATURAL,
   VERTICAL SHIELDS - COPPER ALLOY, PLATING/FINISH: Sn WITH Ni UNDERLAYER,
   HEADER IMLA'S - COPPER ALLOY OVERMOLDED WITH HIGH TEMPERATURE FLAME
   RETARDANT THERMOPLAST, COLOUR BLACK,
   LEADFRAME PLATING/FINISH:NICKEL UNDERPLATING, PALLADIUM-NICKEL ALLOY
   WITH GOLD OVERPLATING IN CONTACT ZONE, Sn IN SOLDER TAIL AREA.
3. CONNECTOR CAN BE PICKED UP WITH A MECHANICAL GRIPPER OR A VACUUM NOZZLE,
   NOZZLE DIAMETER UP TO 9 MM. ESTIMATED MAXIMUM MASS OF THE PRODUCT 6.00 G.
4. COLUMN 1 IS ALWAYS FILLED WITH AN UNSHIELDED IMLA.
5. FCI PRODUCT SPECIFICATION GS-12-314.
6. PACKAGING: TAPE AND REEL ACCORDING TO EIA-481-B, SEE LAST SHEET.
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
   AS DISCRIBED IN GS-22-008.
8. THE CONNECTOR WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
   IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.FOR MORE DETAILS AND
   MOUNTING RECOMMENDATIONS, SEE FCI APPLICATION GUIDE GS-20-048.

© 2016 AFCI

spec ref	*		dr	Terran Huang	2009/01/22	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Norman Luo	2017/05/25		
			chr	-	-		
			appr	Heaven Cen	2017/05/31	product family	
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI	title: HEADER 8 PAIR DENSI-SHIELD I/O	dwg no: 10044471	rev: K
		0.XX	±0.2				
		0.XXX	±0.1				
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4

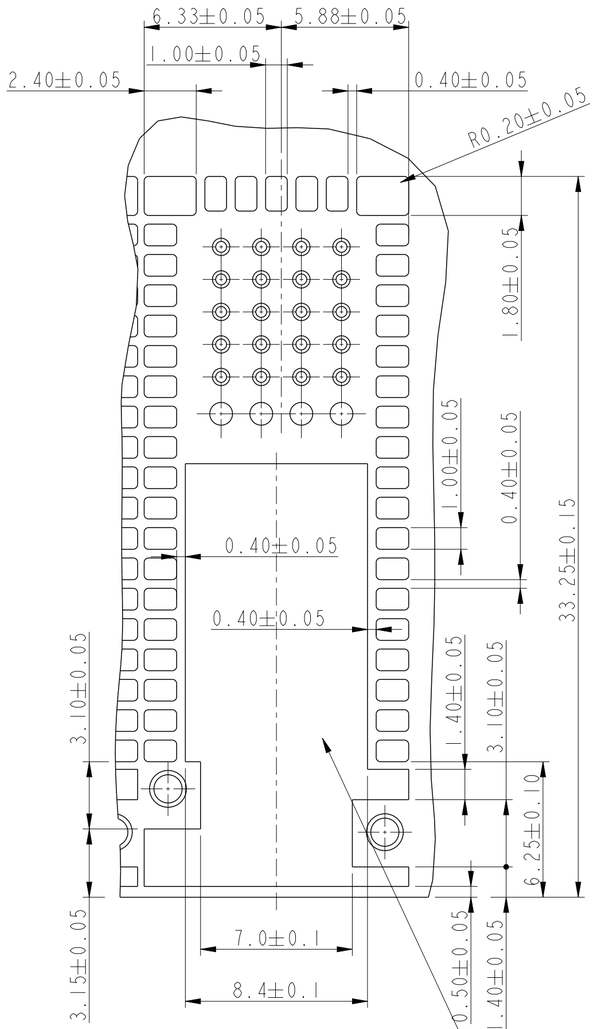
size A2 | scale 1:1 | ecn no ELX-DG-27032-1 | rel level Released

RECOMMENDED HOLE PATTERN
AND TRACE DIMENSIONS FOR FULLY
EQUIPPED BOARD CONNECTORS.
(SEE SHEET 1)



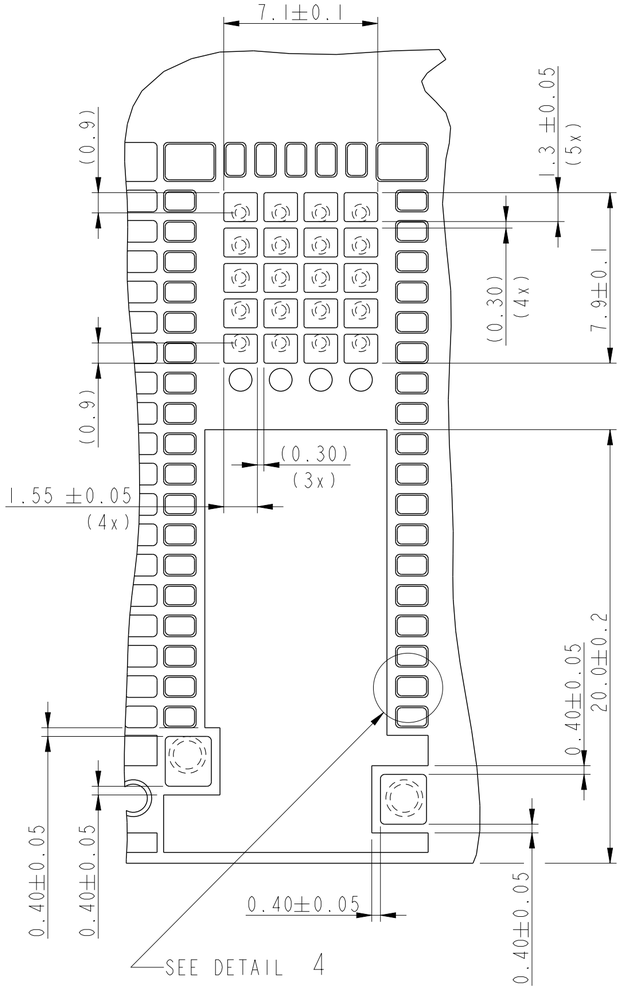
SCALE 5:1

RECOMMENDED ISLAND PATTERN

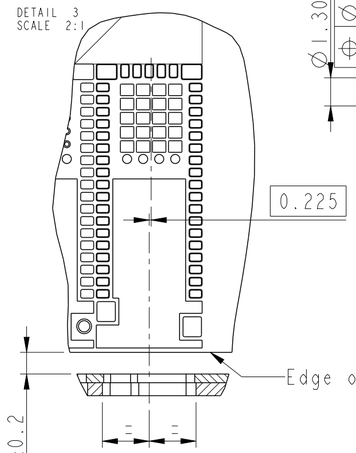


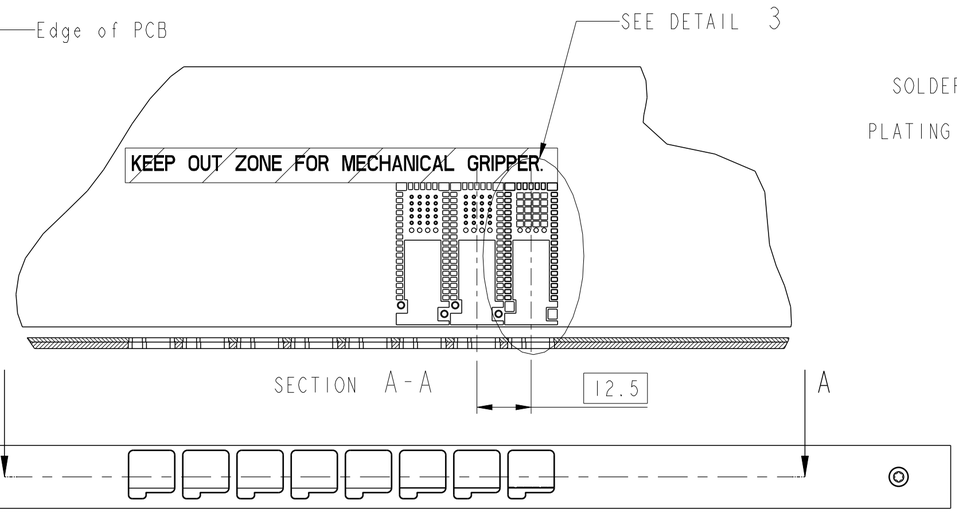
SOLDER MASK NOT ALLOWED ON THIS
REFERENCE PLANE AND LANDS.
PLATING THICKNESS MUST BE CONSTANT
OVER CONTACT AREA.

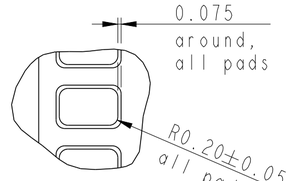
RECOMMENDED STENCIL LAYOUT
MIN. REQUIRED APERTURES FOR
STENCIL THICKNESS 0.125 MM



RECOMMENDED BOARD
POSITION
DETAIL 3
SCALE 2:1







DETAIL 4
SCALE 10:1

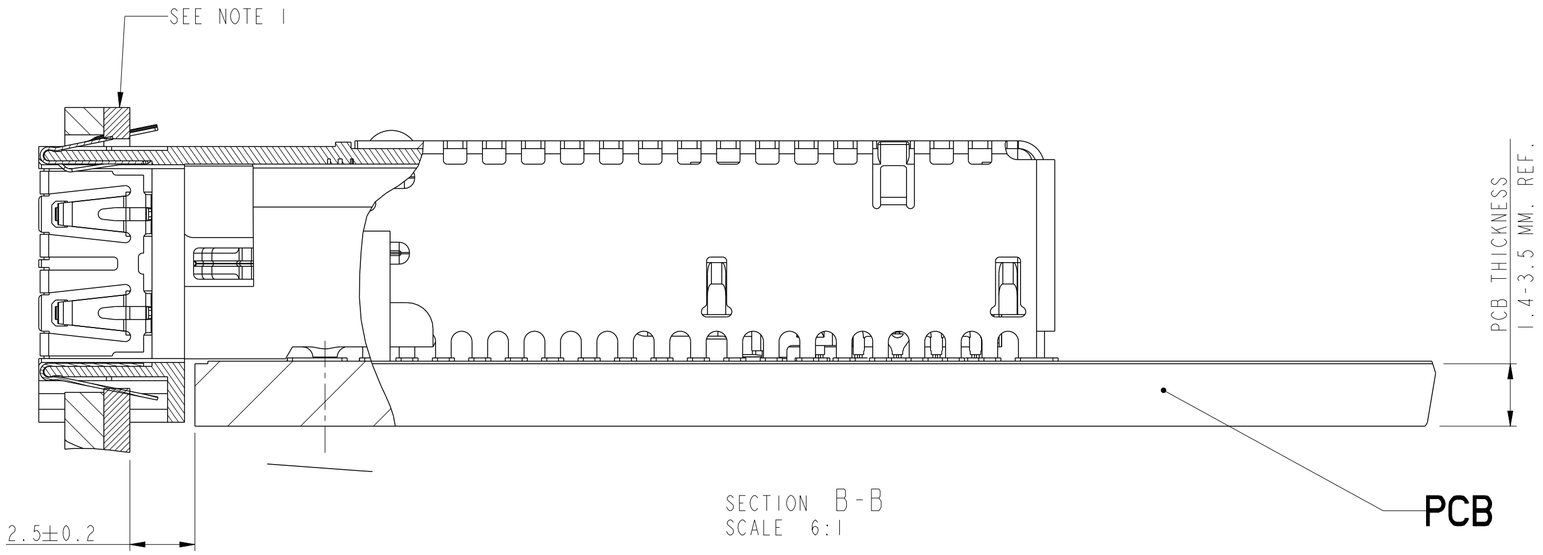
THE SOLDER CONTENT IN THE
PASTE SHOULD BE SUFFICIENT,
TYPICALLY 50% VOLUME PERCENTAGE.
THE SCREEN PRINTING PROCESS
(ANGLE, SPEED, PRESSURE ETC.)
MUST BE OPTIMISED SO THAT ENOUGH
SOLDER IS AVAILABLE.

spec ref	*		dr	Terran Huang	2009/01/22	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Norman Luo	2017/05/25		
			chr	-	-		
			appr	Heaven Cen	2017/05/31	product family	-
surface - ISO 1302	linear	0.X ±0.3	Amphenol FCi	title	HEADER 8 PAIR DENSI-SHIELD I/O		
		0.XX ±0.2					
		0.XXX ±0.1					
	angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw	

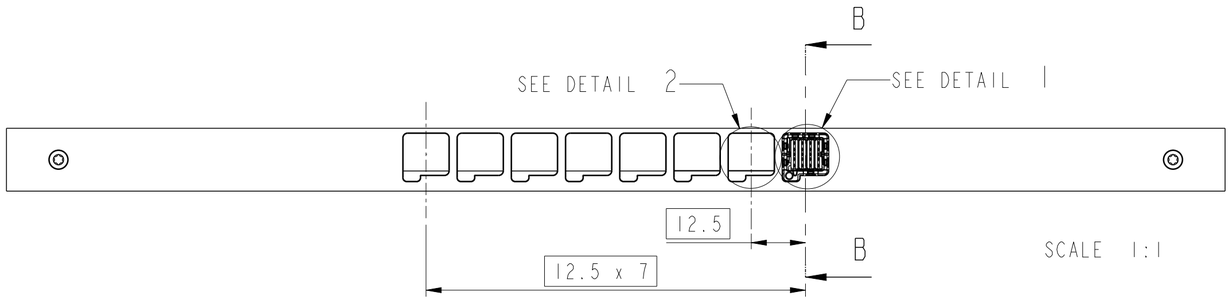
size	scale	ecn no	rel level	dwg no	rev
A2	1:1	ELX-DG-27032-1	Released	1004471	K

sheet 2 of 4

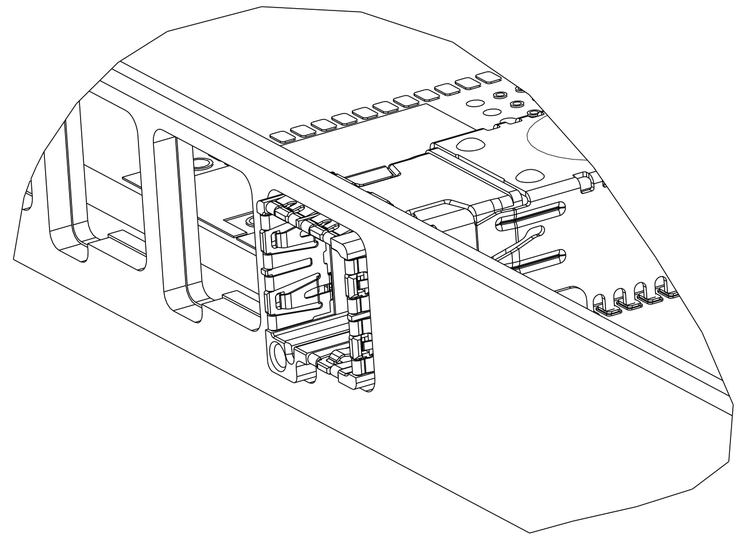
© 2016 AFCI



SECTION B-B
SCALE 6:1

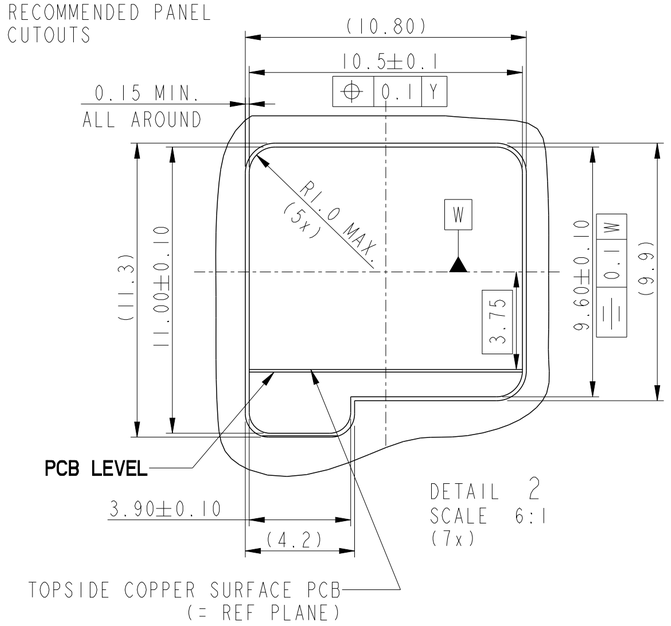


SCALE 1:1

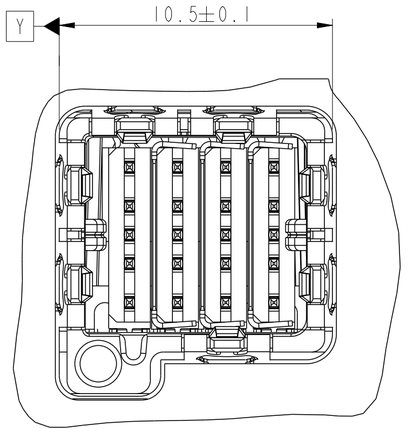


SCALE 4:1

RECOMMENDED PANEL CUTOUTS



DETAIL 2
SCALE 6:1
(7x)



DETAIL 1
SCALE 6:1

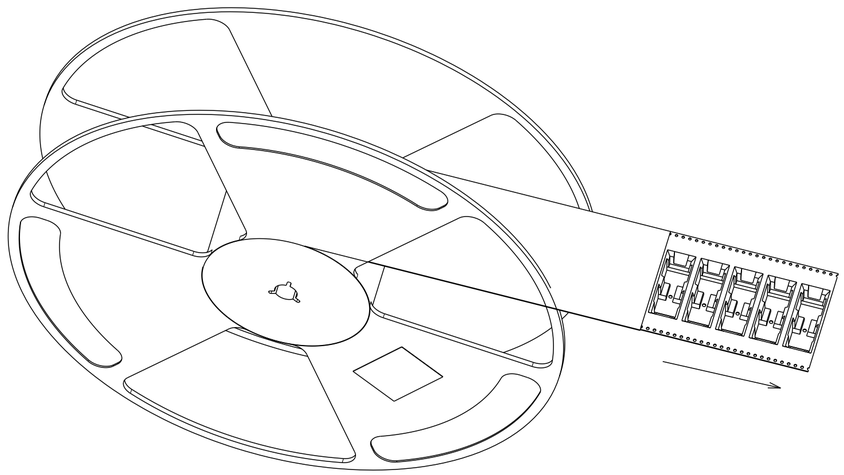
NOTE 1:

A DESIGN IS SHOWN WITH AN INNER CONDUCTIVE FRONTPANEL (FOR GROUNDING), AND A COSMETIC OUTER PANEL.
THE INNER PANEL IS RECOMMENDED TO BE Sn PLATED ON THE CUTOUT EDGES.

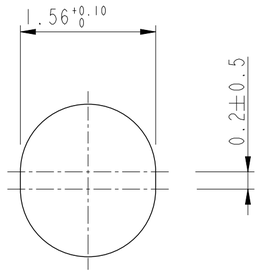
spec ref	*			dr	Terran Huang	2009/01/22	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo	2017/05/25		
				chr	-	-		
				appr	Heaven Cen	2017/05/31	product family	-
surface - ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	HEADER 8 PAIR DENSI-SHIELD I/O	dwg no	10044471
		0.XX	±0.2					
		0.XXX	±0.1					
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	

size A2 | scale 6:1 | ecn no ELX-DG-27032-1 | rel level Released | rev K | sheet 3 of 4

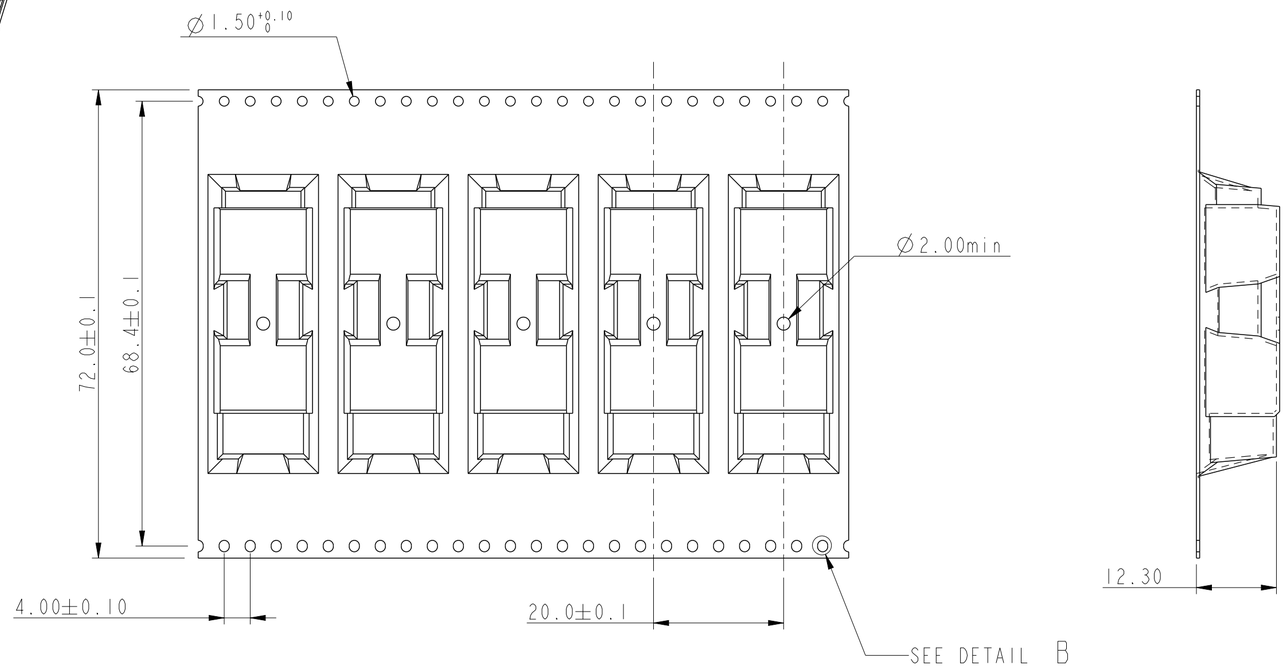
© 2016 AFCI



SCALE 2:5



DETAIL B
SCALE 20:1



NOTE:
1:MATERIAL CARRIER TAPE: Polystyrene;
2:MATERIAL COVER TAPE : Polyester;
3:THE PACKAGING IS ANTISTATIC TREATED.

© 2016 AFCI

spec ref	*			dr	Terran Huang	2009/01/22	projection	mm	size A2	scale 1:6
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo	2017/05/25			ecn no ELX-DG-27032-1	
				chr	-	-				
				appr	Heaven Cen	2017/05/31	product family -		rel level Released	
surface - ISO 1302	linear	0.X	±0.3	Amphenol FCi	title HEADER 8 PAIR DENSI-SHIELD I/O				dwg no 10044471	rev K
		0.XX	±0.2							
		0.XXX	±0.1							
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 4 of 4	

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru