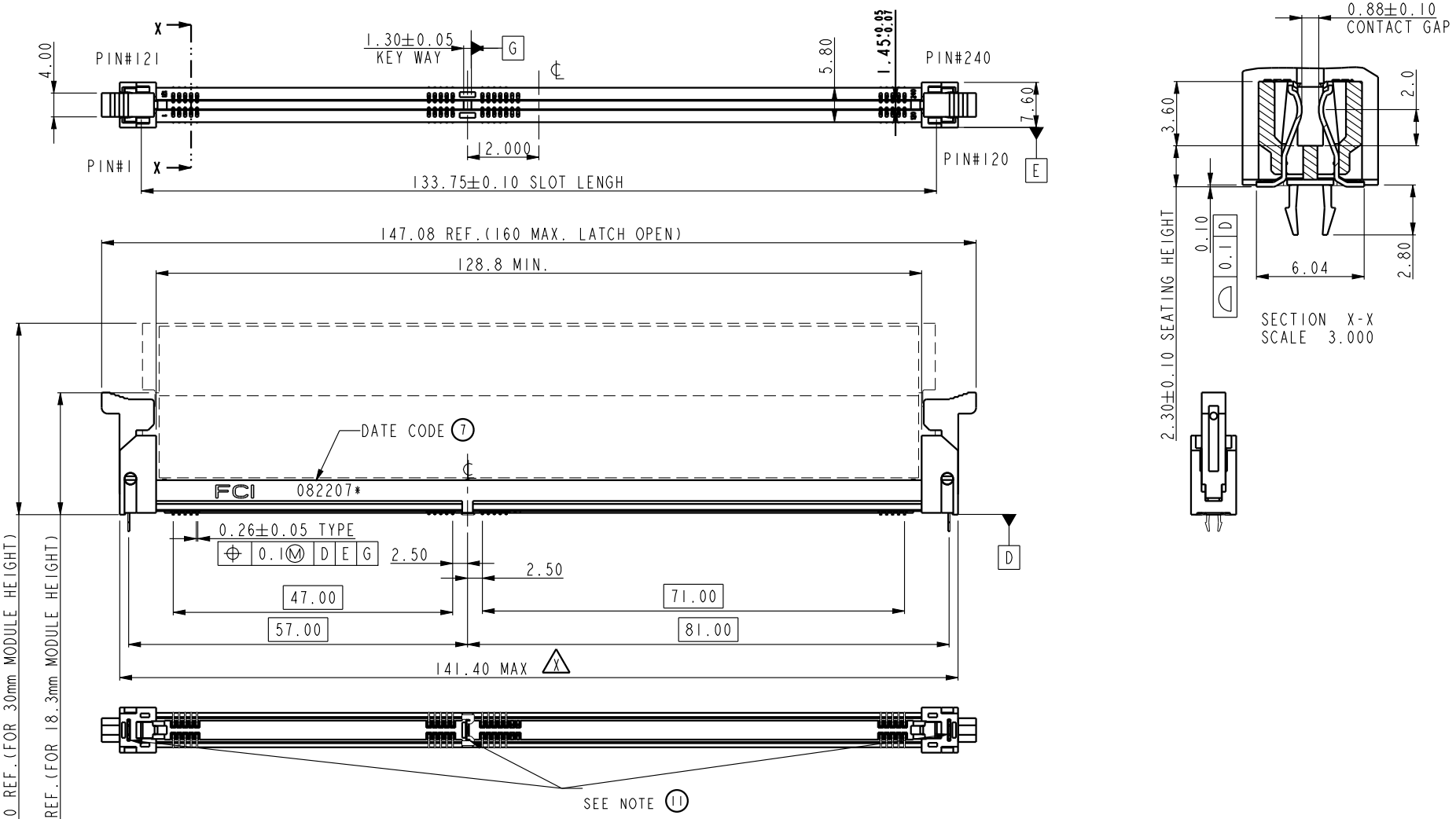

spec ref	*			dr	Rick Bian	2010/07/04	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2018/02/08	mm
ASME Y14.5				chr	-	-	size A4 / scale 0.500
				appr	Nickor Zuo	2018/02/09	ecn no ELX-DG-28885-1
surface	linear	0.X	±0.30				product family / rel level Released
		0.XX	±0.15				
ASME Y14.5		0.XXX	±0.05				
	angular	0°	±2°				

Amphenol FCi

title: SMT DDRIII SOCKET ASS'Y

DDRIII,240P SOCKET(FOR RDIMM MODULE)

dwg no 10079248 | rev Y

www.fci.com | cat. no. * | Product - Customer Drw | sheet 1 of 5

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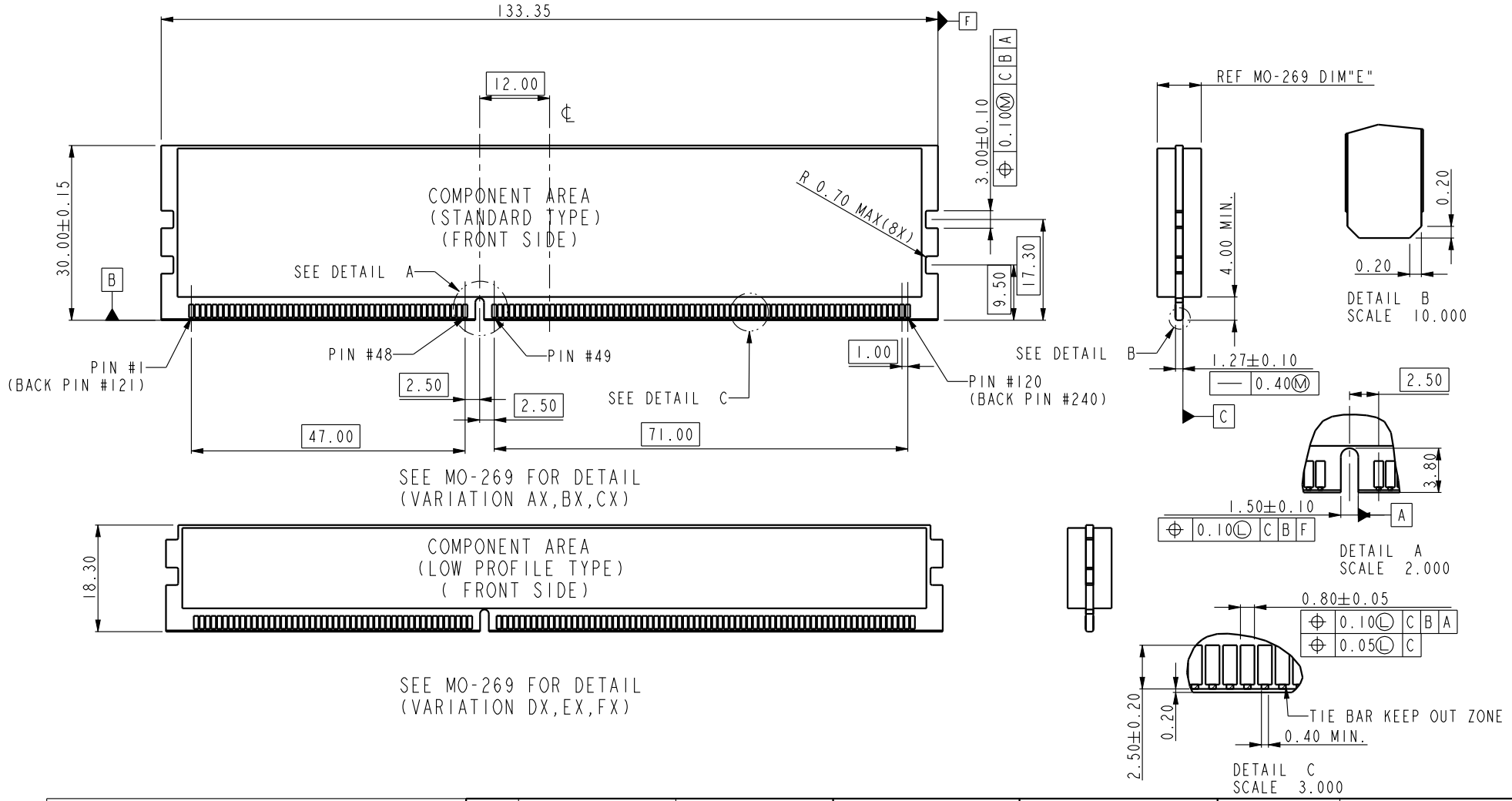

spec ref *				dr	Rick Bian	2010/07/04	projection
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2018/02/08	mm
				chr	-	-	size A4 / scale 0.500
				appr	Nickor Zuo	2018/02/09	ecn no ELX-DG-28885-1
surface ASME Y14.5	linear	0.X	±0.30	product family			rel level Released
		0.XX	±0.15	Amphenol FCi	title: SMT DDRIII SOCKET ASS'Y		dwg no 10079248 / rev Y
		0.XXX	±0.05		DDRIII,240P SOCKET(FOR RDIMM MODULE)		
	angular	0°	±2°	www.fci.com	cat. no. *	Product - Customer Drw	sheet 2 of 5

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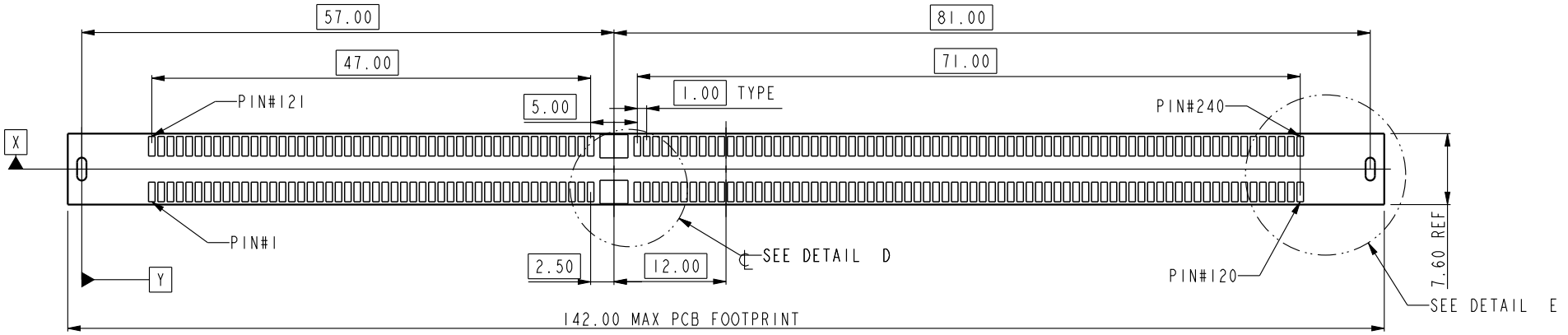
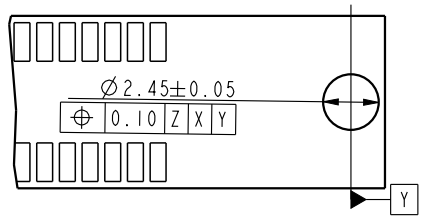
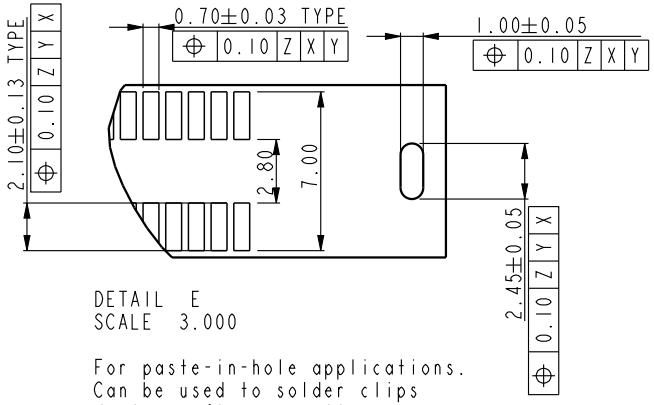


RECOMMEND CIRCUIT BOARD LAYOUT



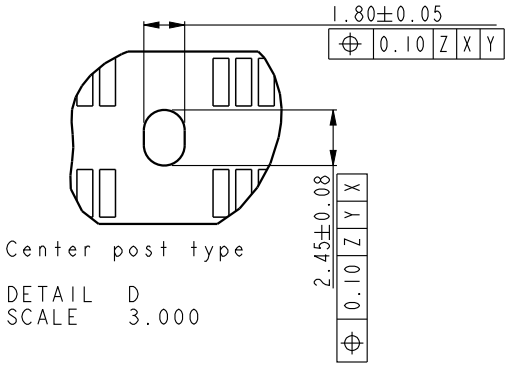
DETAIL E
SCALE 3.000

Standard hole for
hold-down clips



DETAIL E
SCALE 3.000

For paste-in-hole applications.
Can be used to solder clips
during reflow operation.



Center post type

DETAIL D
SCALE 3.000

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spec ref	*			dr	Rick Bian	2010/07/04	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2018/02/08	mm
ASME Y14.5				chr	-	-	size A4 / scale 0.500
				appr	Nickor Zuo	2018/02/09	ecn no ELX-DG-28885-1
surface	linear	0.X	±0.30				product family / rel level Released
		0.XX	±0.15				
		0.XXX	±0.05				
ASME Y14.5	angular	0°	±2°				

Amphenol FCi

title: SMT DDRIII SOCKET ASS'Y
DDRIII,240P SOCKET(FOR RDIMM MODULE)

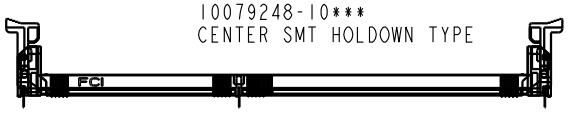
dwg no 10079248 | rev Y

www.fci.com | cat. no. * | Product - Customer Drw | sheet 3 of 5

Creo File - REV E - 2016-02-12

SCALE 0.500

10079248-10***
CENTER SMT HOLDOWN TYPE

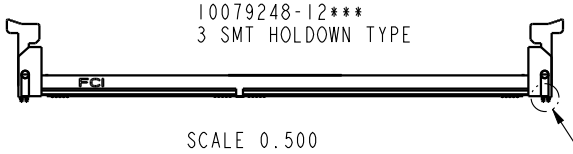


SCALE 0.500

10079248-11***
3 FORK LOCK TYPE

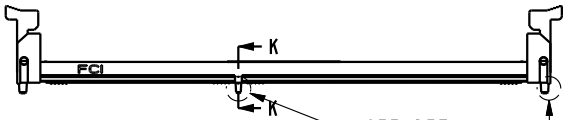
SCALE 0.500

10079248-12***
3 SMT HOLDOWN TYPE



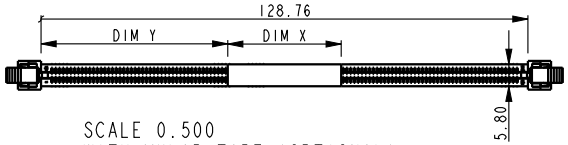
SCALE 0.500

10079248-13***
3 SMT HOLDOWN AND 2 PLASTIC POST TYPE



SCALE 0.500

10079248-15***
3 PLASTIC POST TYPE



SCALE 0.500
WITH MYLAR TAPE (OPTIONAL)

10079248 - □ □ □ □ □

STYLE : MECHAMICAL KEYING

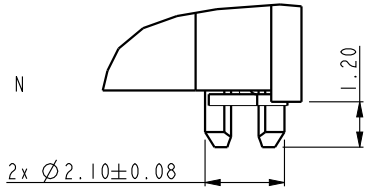
1 : 1.5 VOLT. W/ CENTER KEY

HOLD DOWN TYPE

0 : CENTER HOLD DOWN, FORKLOCK AT BOTH END
1: 3 FORKLOCK TYPE
2: 3 SMT HOLDOWN TYPE
3: 3 SMT HOLDOWN AND 2 PLASTIC POST
5. 3 PLASTIC POST TYPE

PACKAGE AND MYLAR OPTION

~~0: SOFT TRAY WITHOUT MYLAR~~ (OBSOLETE)
1: HARD TRAY WITH MYLAR 1
2: HARD TRAY WITHOUT MYLAR
~~3: SOFT TRAY WITH MYLAR 1~~ (OBSOLETE)
4: SPECIAL HARD TRAY WITH MYLAR 1
5: SPECIAL HARD TRAY WITHOUT MYLAR
6: HARD TRAY WITH MYLAR 2
7: HARD TRAY WITH MYLAR 3
8: HARD TRAY WITH MYLAR 4
9: SMALLER HARD TRAY WITHOUT MYLAR



DETAIL N
SCALE 5.000

MYLAR TYPE	DIM X	DIM Y
MYLAR 1	30.0	49.38
MYLAR 2	90.0	19.38
MYLAR 3	30.0	30.0
MYLAR 4	30.0	68.8

PLATING

CODE	CONTACT	SOLDERTAIL	UNDERPLATE	NOTE
1	10u" (0.25um) MIN. GOLD	100u" (2.54um) MIN. TIN-LEAD	50u" (1.27um) MIN. NICKEL OVERALL	CONTACT NON-LUBRICANT
2	15u" (0.38um) MIN. GOLD			
3	30u" (0.76um) MIN. GOLD			
4	GOLD FLASH			
5	10u" (0.25um) MIN. GOLD			CONTACT LUBRICATED
6	15u" (0.38um) MIN. GOLD			
7	30u" (0.76um) MIN. GOLD			
8	GOLD FLASH			
3S	5u" (0.125um) MIN. GOLD			CONTACT LUBRICATED WITH HIGH PERFORMANCE POLY A-OLEFIN LUBRICANT
1LF	10u" (0.25um) MIN. GOLD	100u" (2.54um) MIN. 100% MATT TIN	50u" (1.27um) MIN. NICKEL OVERALL	CONTACT NON-LUBRICANT
2LF	15u" (0.38um) MIN. GOLD			
3LF	30u" (0.76um) MIN. GOLD			
4LF	GOLD FLASH			
5LF	10u" (0.25um) MIN. GOLD			CONTACT LUBRICATED
6LF	15u" (0.38um) MIN. GOLD			
7LF	30u" (0.76um) MIN. GOLD			
8LF	GOLD FLASH			
3SLF	5u" (0.125um) MIN. GOLD			CONTACT LUBRICATED WITH HIGH PERFORMANCE POLY A-OLEFIN LUBRICANT
7SLF	30u" (0.76um) MIN. GOLD			

COLOR OF HOUSING AND EJECTOR

0 : BLACK HOUSING + IVORY EJECTOR
1 : BLACK HOUSING + BLACK EJECTOR
2 : BLACK HOUSING + BLUE(66IC) EJECTOR
3 : BLACK HOUISNG + YELLOW(123C) EJECTOR

spec ref	*		
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	
surface	ASME Y14.5	linear	0.X ±0.30
			0.XX ±0.15
			0.XXX ±0.05
		angular	0° ±2°

dr	Rick Bian	2010/07/04
eng	Jeny Ren	2018/02/08
chr	-	-
appr	Nickor Zuo	2018/02/09

projection | mm | size A4 | scale 0.500 | ecn no ELX-DG-28885-1 | product family | rel level Released

Amphenol FCI

title: SMT DDRIII SOCKET ASS'Y
DDRIII,240P SOCKET(FOR RDIMM MODULE)

dwg no 10079248 | rev Y

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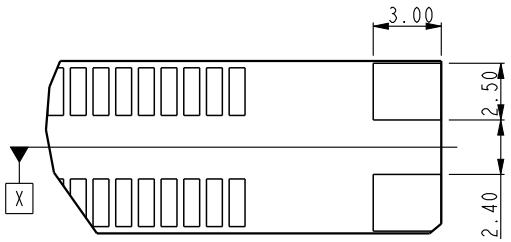
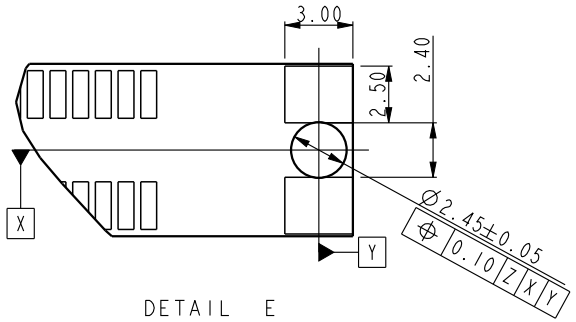


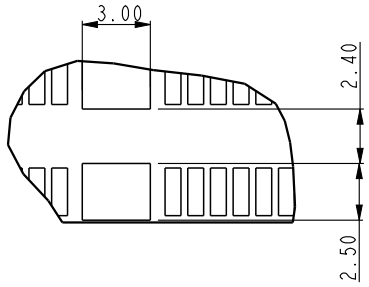
DETAIL E
SCALE 3.000

For smt holdown type



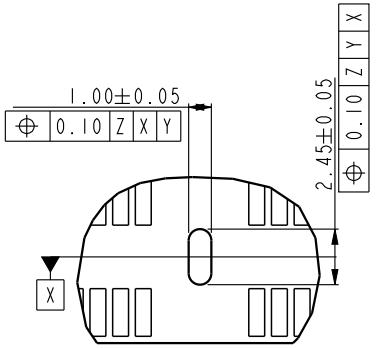
DETAIL E
SCALE 3.000

For 3smt holdown + 2plastic post type



Center smt holdown type

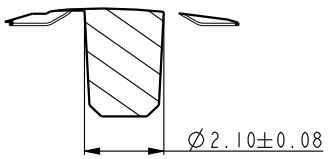
DETAIL D
SCALE 3.000



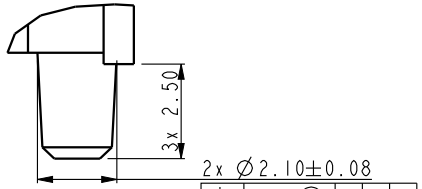
Center forklock type

DETAIL D
SCALE 3.000

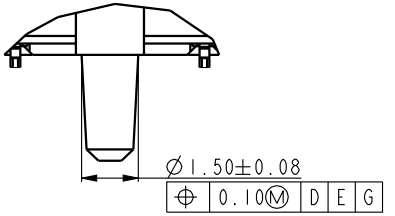
NOTES:
1. MATERIAL:
   HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED.
   EJECTOR: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED.
   TERMINAL: HIGH PERFORMANCE COPPER ALLOY
   METAL CLIP: COPPER ALLOY.
2. FCI LOGO TO BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
3. PRODUCT SPECIFICATION: GS-12-486.
4. PACKAGING SPECIFICATION: GS-14-899.
5. RECOMMENDED STENCIL THICKNESS NO LESS THAN 0.15 mm.
6. FOR OPTMUM PERFORMANCE. THE TIE BAR IS TO BE ON AN INTERNAL LAYER SO THAT THE REMNANT CANNOT CAUSE CONTACT DAMAGE.
7. THE DATE CODE IS SHOWN "MMDDYY*". "*" MEANS PRODUCTION LINE.
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. THE HOUSING WILL WITH STAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN AN IR REFLOW SOLDERING APPLICATION.
10. PRODUCT APPLICATION SPEC GS-20-089.
11. THE HOLDOWN TYPES ARE OPTION FOR HOLDOWN OR FORKLOCK.



SECTION K-K
SCALE 5.000



DETAIL M
SCALE 5.000



DETAIL J
SCALE 5.000

spec ref	*			dr	Rick Bian	2010/07/04	projection	mm
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2018/02/08	size A4	scale 0.500
				chr	-	-	ecn no	ELX-DG-28885-1
				appr	Nickor Zuo	2018/02/09	product family	rel level Released
surface ASME Y14.5	linear	0.X	±0.30	Amphenol FCi	title	SMT DDRIII SOCKET ASS'Y	dwg no 10079248	rev Y
		0.XX	±0.15			DDRIII,240P SOCKET(FOR RDIMM MODULE)		
		0.XXX	±0.05	www.fci.com	cat. no.	*	Product - Customer Drw	sheet 5 of 5
	angular	0°	±2°					

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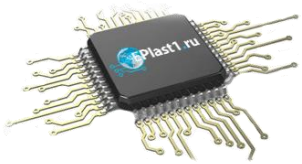
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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

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