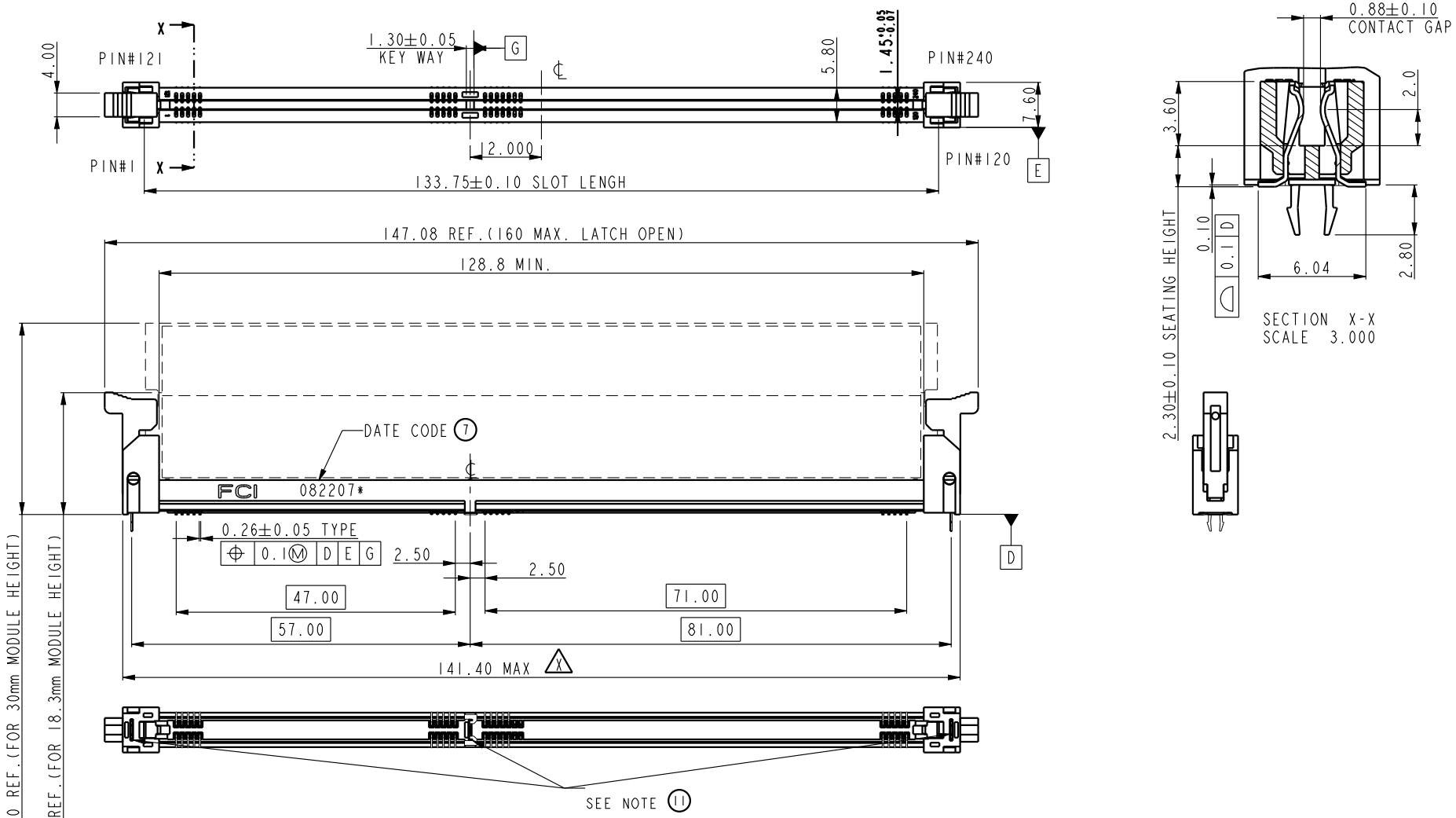

spec ref	*	dr	Rick Bian	2010/07/04	projection	mm	size A4 / scale 0.500
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Jeny Ren	2018/02/08			ecn no ELX-DG-28885-1
		chr	-	-			
		appr	Nickor Zuo	2018/02/09	product family		rel level Released
surface ✓ ASME Y14.5	linear 0.X ±0.30; 0.XX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

Amphenol FCi

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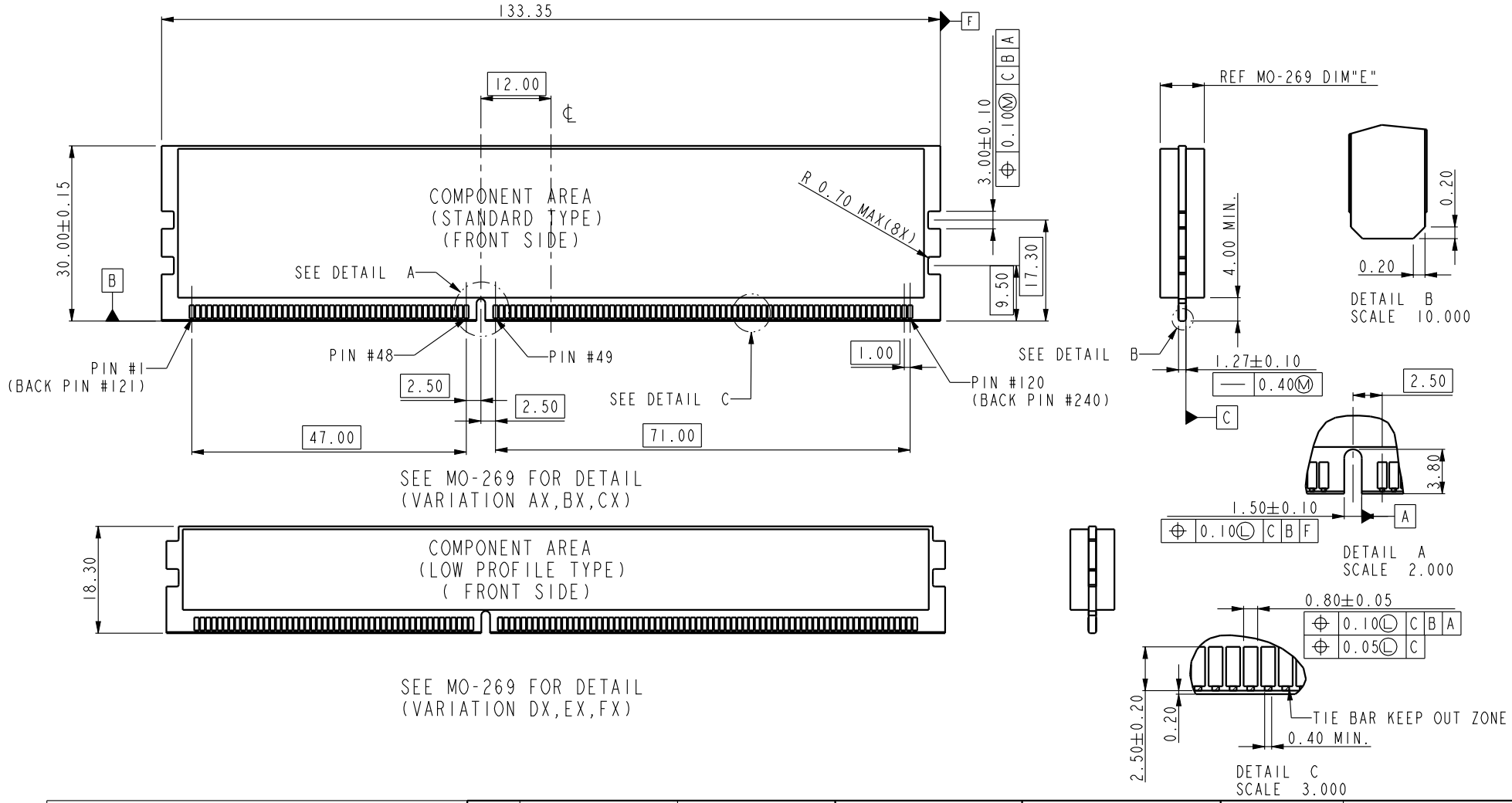

spec ref	*			dr	Rick Bian	2010/07/04	projection
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2018/02/08	mm
				chr	-	-	
				appr	Nickor Zuo	2018/02/09	product family
surface ✓ ASME Y14.5	linear	0.X	±0.30				
		0.XX	±0.15				
		0.XXX	±0.05				
	angular	0°	±2°				

size A4	scale 0.500		
ecn no	ELX-DG-28885-1		
rel level	Released		
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 2 of 5

Creo File - REV E - 2016-02-12

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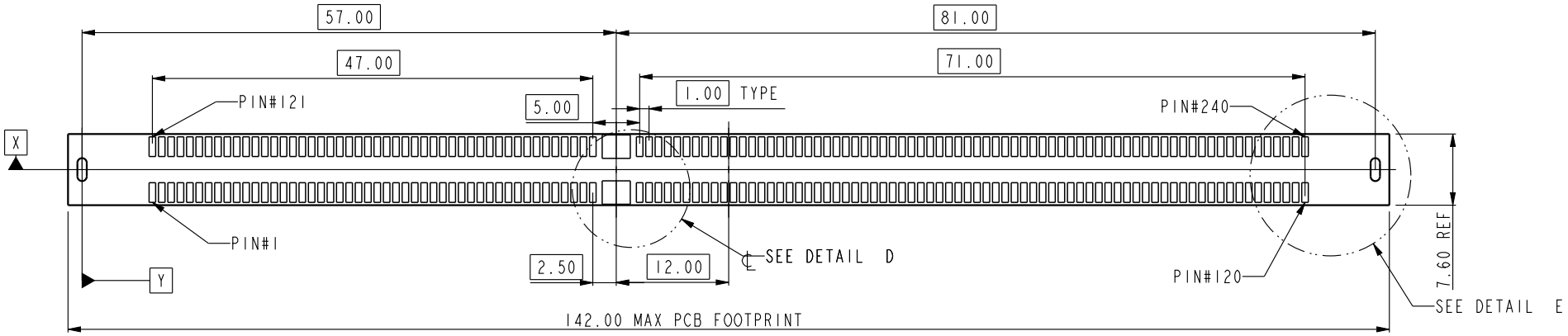
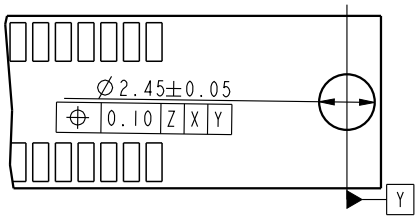
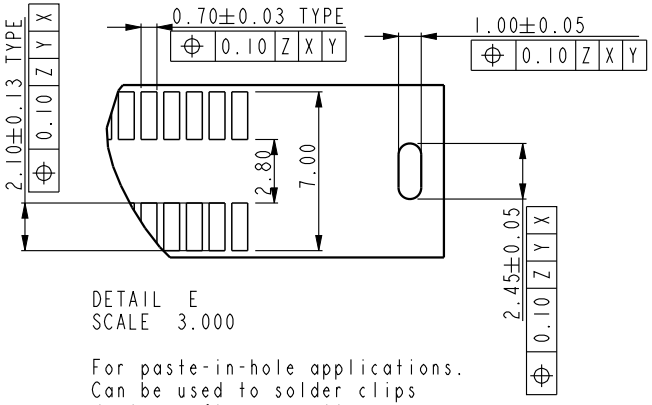


RECOMMEND CIRCUIT BOARD LAYOUT



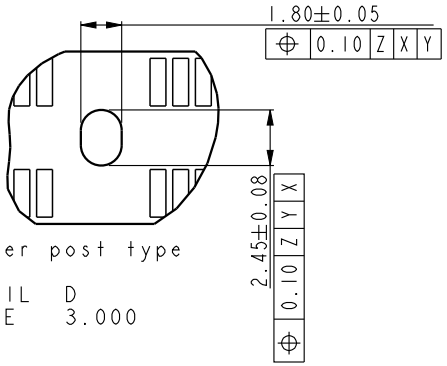
DETAIL E
SCALE 3.000

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

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		
				chr	-	-		
				appr	Nickor Zuo	2018/02/09	product family	
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					
	angular	0°	±2°	www.fci.com	cat. no. *	Product - Customer Drw		sheet 3 of 5

size	A4
scale	0.500
ecn no	ELX-DG-28885-1
rel level	Released

Amphenol FCi

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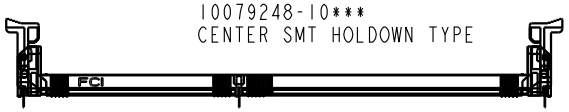
Creo File - REV E - 2016-02-12

SCALE 0.500

10079248-10***
CENTER SMT HOLDOWN TYPE

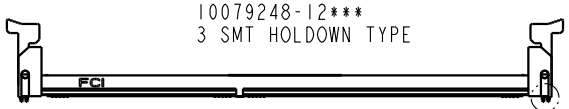


SCALE 0.500

10079248-11***
3 FORK LOCK TYPE

SCALE 0.500

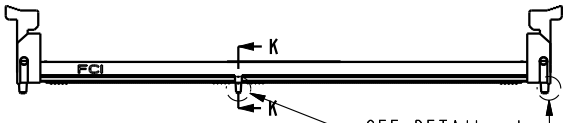
10079248-12***
3 SMT HOLDOWN TYPE



SEE DETAIL N

SCALE 0.500

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

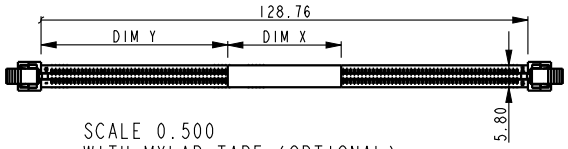


SEE DETAIL J

SEE DETAIL M

SCALE 0.500

10079248-15***
3 PLASTIC POST TYPE



SCALE 0.500
WITH MYLAR TAPE (OPTIONAL)

10079248 - □ □ □ □ □

STYLE : MECHAMICAL KEYING

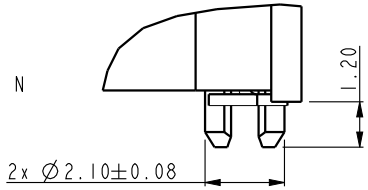
1 : 1.5 VOLT. W/ CENTER KEY

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(661C) EJECTOR
3 : BLACK HOUISNG + YELLOW(123C) EJECTOR

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

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

projection

mm

product family

size A4 | scale 0.500

ecn no ELX-DG-28885-1

rel level **Released**

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 4 of 5

Amphenol FCi

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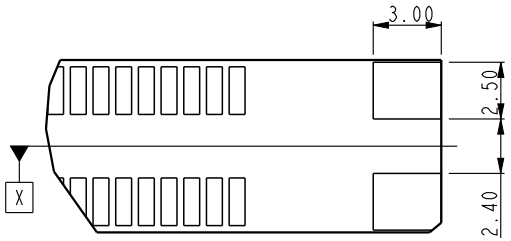
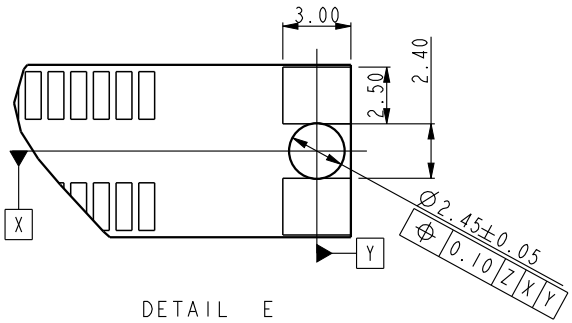


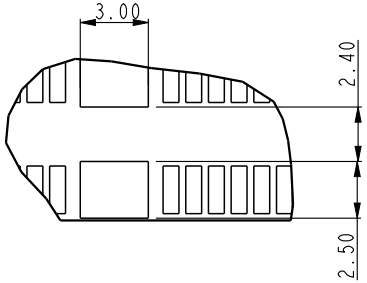
DETAIL E
SCALE 3.000

For smt holdown type



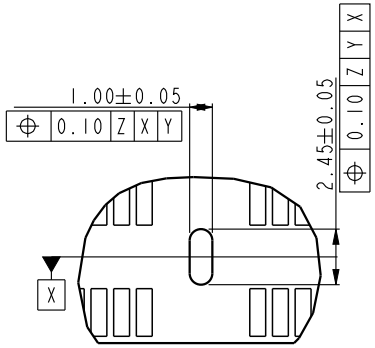
DETAIL E
SCALE 3.000

For 3smt holdown + 2plastic post type



Center smt holdown type

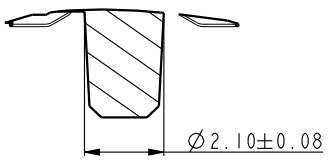
DETAIL D
SCALE 3.000



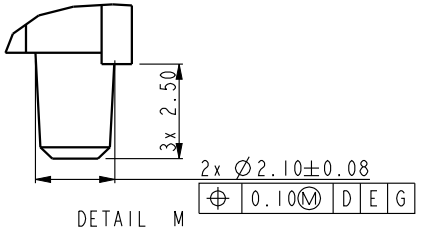
Center forklock type

DETAIL D
SCALE 3.000

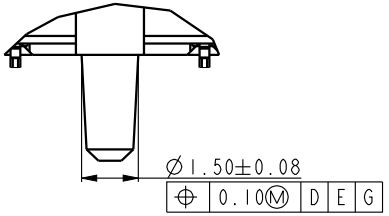
NOTES:
1. MATERIAL:
   HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED.
   EJECTOR: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED.
   TERMINAL: HIGH PERFORMANCE COPPER ALLOY
   METAL CLIP: COPPER ALLOY.
2. FCI LOGO TO BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
3. PRODUCT SPECIFICATION: 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		
				chr	-	-		
				appr	Nickor Zuo	2018/02/09	product family	
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					
	angular	0°	±2°	www.fci.com	cat. no. *	Product - Customer Drw		sheet 5 of 5

size	A4
scale	0.500
ecn no	ELX-DG-28885-1
rel level	Released

Amphenol FCi

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

10079248-11002LF 10079248-11016LF 10079248-12006LF 10079248-12016LF 10079248-13006LF 10079248-13016LF 10079248-10007LF 10079248-15103LF 10079248-10002LF 10079248-10003LF 10079248-10006LF 10079248-10012LF 10079248-11006LF 10079248-11017LF 10079248-12002LF 10079248-12003LF 10079248-13002LF 10079248-15002LF 10079248-12103LF 10079248-11223LF 10079248-10102LF 10079248-10503LF 10079248-15113LF 10079248-10003 10079248-10103LF 10079248-11113LF 10079248-11003LF 10079248-15102LF 10079248-11007LF 10079248-15112LF 10079248-11137LF 10079248-15107LF 10079248-11104LF 10079248-13107LF 10079248-11103LF 10079248-11127LF 10079248-15106LF 10079248-15117LF 10079248-10016LF 10079248-11117LF 10079248-10117LF 10079248-11122LF 10079248-11123LF 10079248-11102LF 10079248-11013LF 10079248-10202LF 10079248-10107LF 10079248-13117LF 10079248-11213LF 10079248-10007 10079248-13036LF 10079248-11233LF 10079248-11107LF 10079248-12123LF 10079248-10513LF 10079248-11203LF 10079248-11133LF 10079248-11108LF 10079248-15122LF 10079248-15003LF 10079248-11217LF 10079248-15227LF 10079248-11103SLF 10079248-12107LF 10079248-11226LF 10079248-11216LF 10079248-15217LF 10079248-11227LF 10079248-11222LF 10079248-11202LF 10079248-13203LF 1007924815103L 1007924815003L 10079248-15222LF 10079248-13303LF 10079248-11117SLF 10079248-11207LF 10079248-10216LF 10079248-13207LF 10079248-13206LF 10079248-10206LF 10079248-12203LF 10079248-12216LF 10079248-12102LF 10079248-11926LF 10079248-11127SLF 10079248-11107SLF 10079248-15211LF 10079248-11206LF 10079248-13216LF 10079248-10203 10079248-13127LF 10079248-12202LF 10079248-15622LF 10079248-15226LF 10079248-15011LF 10079248-13202LF 10079248-10207 10079248-15203LF 10079248-15201LF