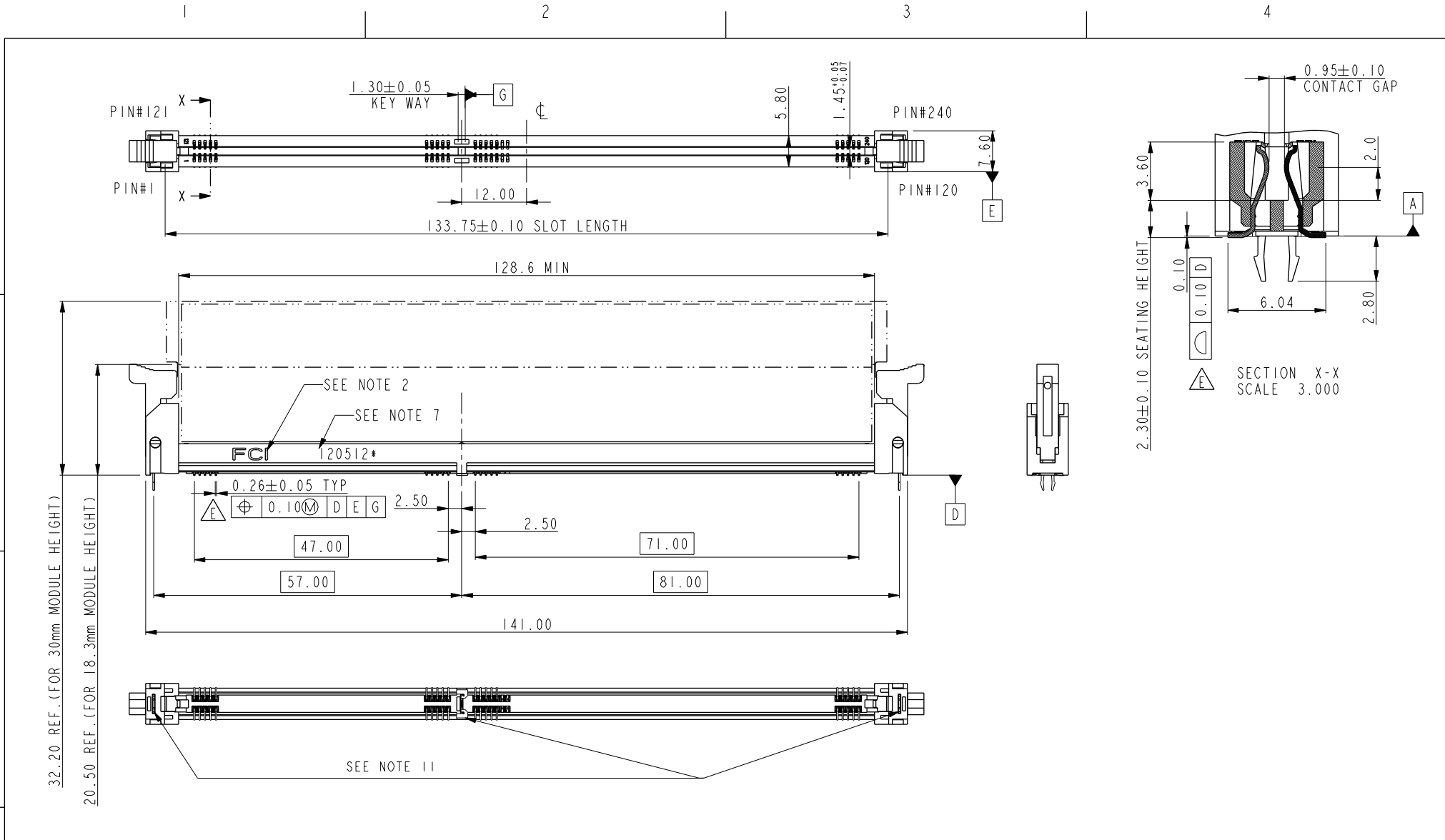




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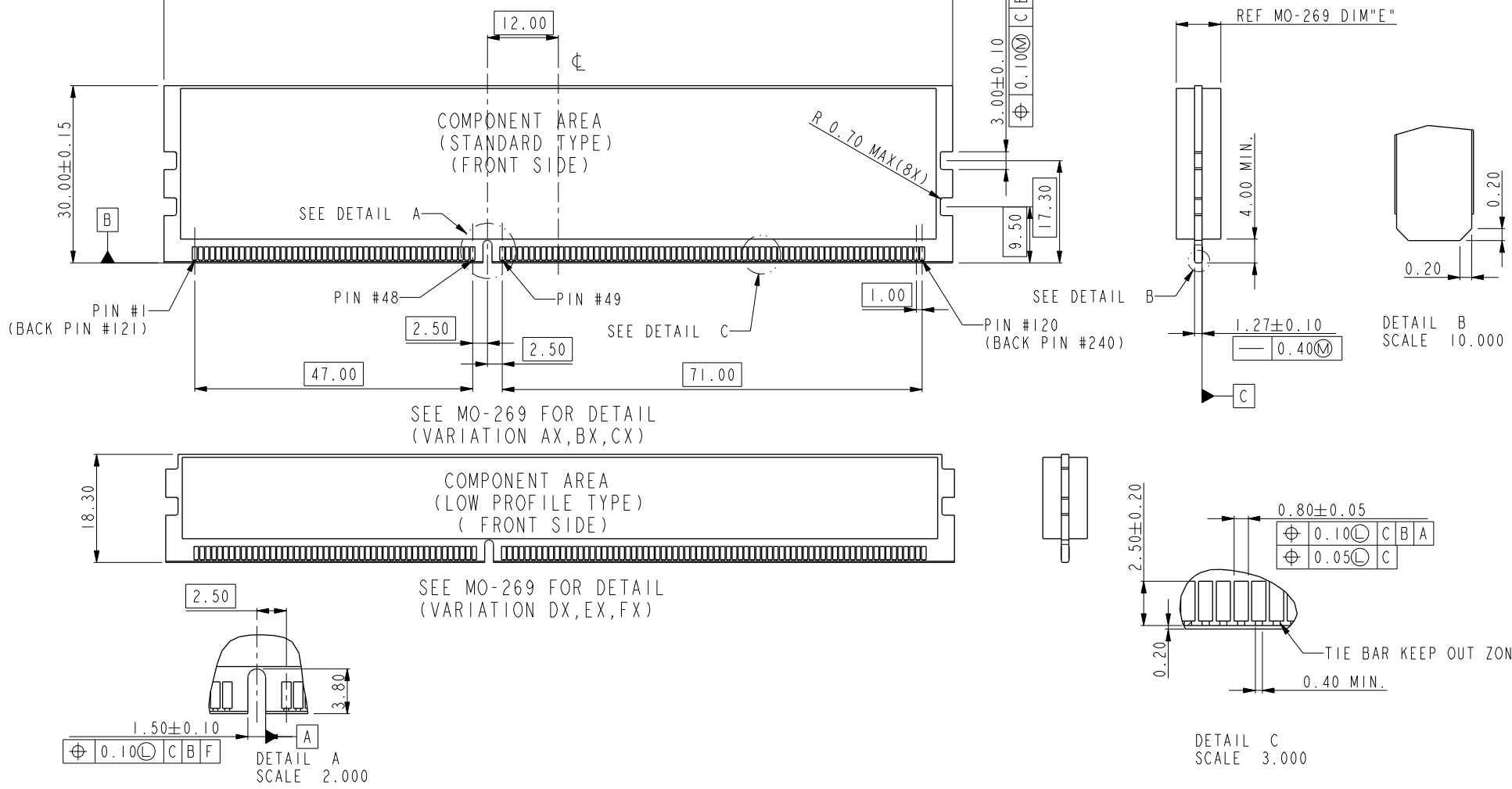


spec ref *				dr Rick Bian2010/07/03		projection		MM		size A4		scale 1.000	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Eric Jiang2014/07/31						ecn no ELX-DG-18366-1			
				chr Jian Huang2014/08/04						rel level Released			
				appr Pei-Ming Zheng2014/08/04						product family			
surface ✓	linear	0.X	±0.5		title	DDR III SMT SOCKET ASS'Y (WITH LCP HOUSING)				dwg no	10104389		rev E
		0.XX	±0.30										
		0.XXX	±0.15										
	angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw				sheet 1 of 4		

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dr	Rick Bian	2010/07/03	projection 	MM ←→	size	A4	scale	1.000
eng	Eric Jiang	2014/07/31			ecn no	ELX-DG-18366-1		
chr	Jian Huang	2014/08/04			rel level	Released		
appr	Pei-Ming Zheng	2014/08/04			product family			
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FCI		title	DDR III SMT SOCKET ASS'Y (WITH LCP HOUSING)			dwg no	10104389	rev E



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A

B

C

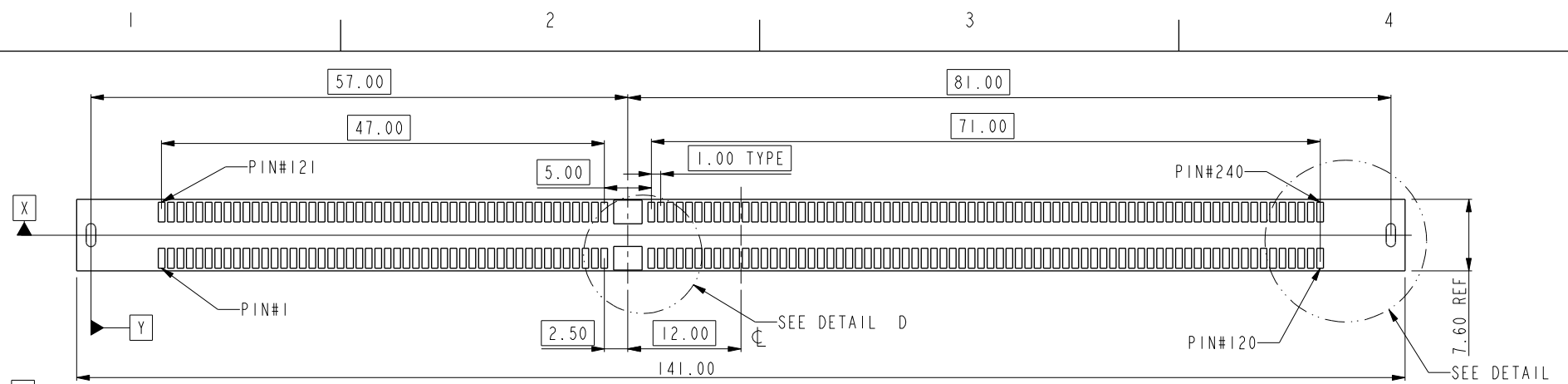
D

A

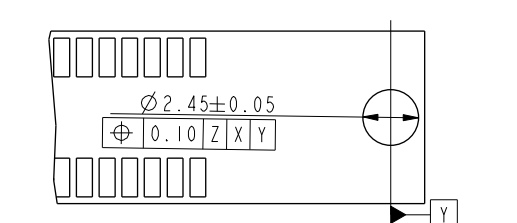
B

C

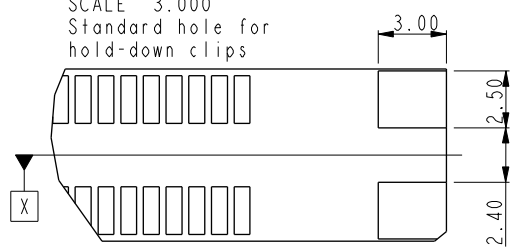
D



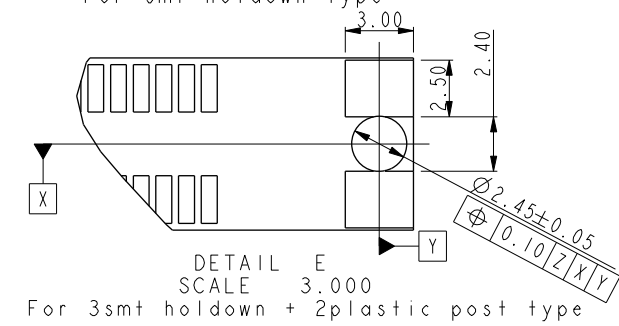
RECOMMEND CIRCUIT BOARD LAYOUT



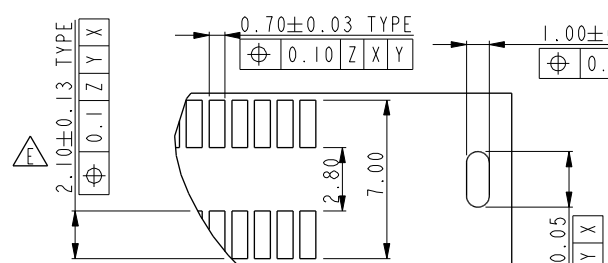
DETAIL E
SCALE 3.000
Standard hole for
hold-down clips



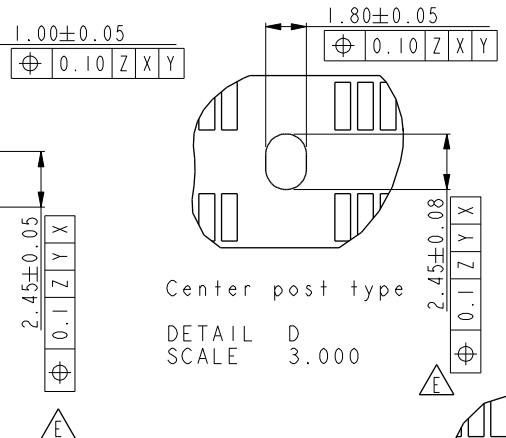
DETAIL E
SCALE 3.000
For smt holdown type



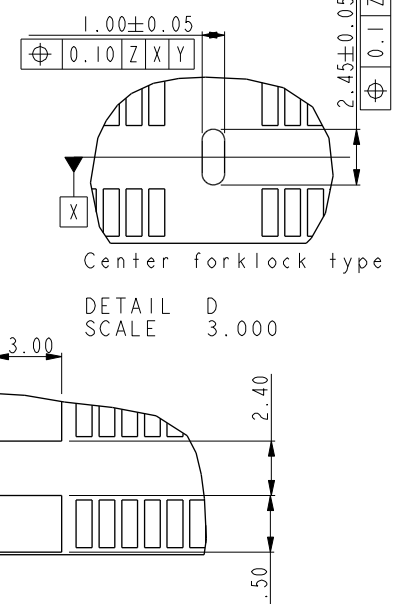
DETAIL E
SCALE 3.000
For 3smt holdown + 2plastic post type



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



Center forklock type
DETAIL D
SCALE 3.000

dr	Rick Bian	2010/07/03	projection	MM	size	A4	scale	1.000
eng	Eric Jiang	2014/07/31			ecn no	ELX-DG-18366-1		
chr	Jian Huang	2014/08/04			rel level	Released		
appr	Pei-Ming Zheng	2014/08/04	product family		title	DDR III SMT SOCKET ASS'Y (WITH LCP HOUSING)		rev
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SCALE 0.500
10104389-10***
CENTER SMT HOLDOWN TYPE



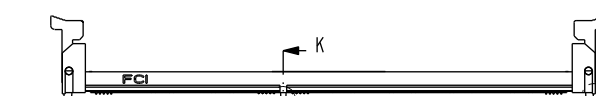
SCALE 0.500
10104389-11***
3 FORK LOCK TYPE



SCALE 0.500
10104389-12***
3 SMT HOLDOWN TYPE



SCALE 0.500
10104389-13***
3 SMT HOLDOWN AND 2 PLASTIC POST TYPE



SCALE 0.500
10104389-15***
3 PLASTIC POST TYPE

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 OPTIMUM 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.
12. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

2

STYLE : MECHANICAL KEYING

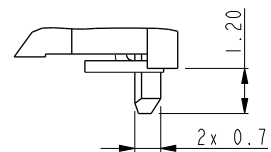
1 : 1.5 VOLT. W/ CENTER KEY

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

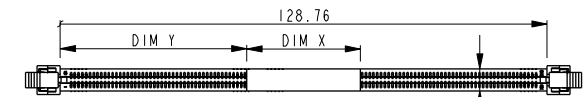
PACKAGE AND MYLAR OPTION

- 0: SOFT TRAY WITHOUT MYLAR (OBSOLETE)
 1: HARD TRAY WITH MYLAR
 2: HARD TRAY WITHOUT MYLAR
 3: SOFT TRAY WITH MYLAR (OBSOLETE)
4: SPECIAL HARD TRAY WITH MYLAR
5: SPECIAL HARD TRAY WITHOUT MYLAR
6: SPECIAL HARD TRAY WITH MYLAR(24PCS/TRAY)



DETAIL N
SCALE 5.000

3



SCALE 0.500
WITH MYLAR TAPE (OPTIONAL)

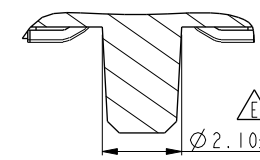
10104389 -

PLATING

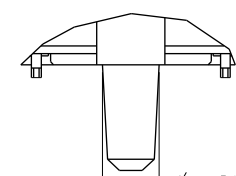
CODE	CONTACT	SOLDERTAIL	UNDERPLATE	NOTE
1LF	10u" (0.25um) MIN. GOLD	100u" (2.54um) MIN. 100% MATT TIN	50u" (1.27um) MIN. NICKEL OVERALL	CONTACT NON-LUBRICANT
2LF	15u" (0.38um) MIN. GOLD			
3LF	30u" (0.76um) MIN. GOLD			
4LF	GOLD FLASH			
5LF	10u" (0.25um) MIN. GOLD	100u" (2.54um) MIN. 100% MATT TIN	50u"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

COLOR OF HOUSING AND EJECTOR

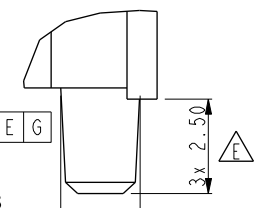
- 0 : BLACK HOUSING + IVORY EJECTOR
1 : BLACK HOUSING + BLACK EJECTOR
2 : IVORY HOUSING + IVORY EJECTOR
9 : IVORY HOUSING + BLACK EJECTOR



SECTION K-K
SCALE 5.000



DETAIL J
SCALE 5.000



DETAIL M
SCALE 5.000

dr	Rick Bian	2010/07/03	projection	MM	size	A4	scale	1.000	
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FCi		title			dwg no			rev	
		DDR III SMT SOCKET ASS'Y (WITH LCP HOUSING)			10104389			E	
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3

PDS: Rev :E

STATUS:Released

Printed: Aug 05, 2014

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