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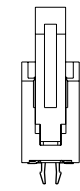
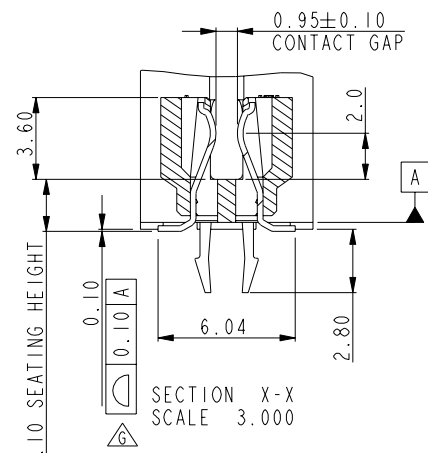
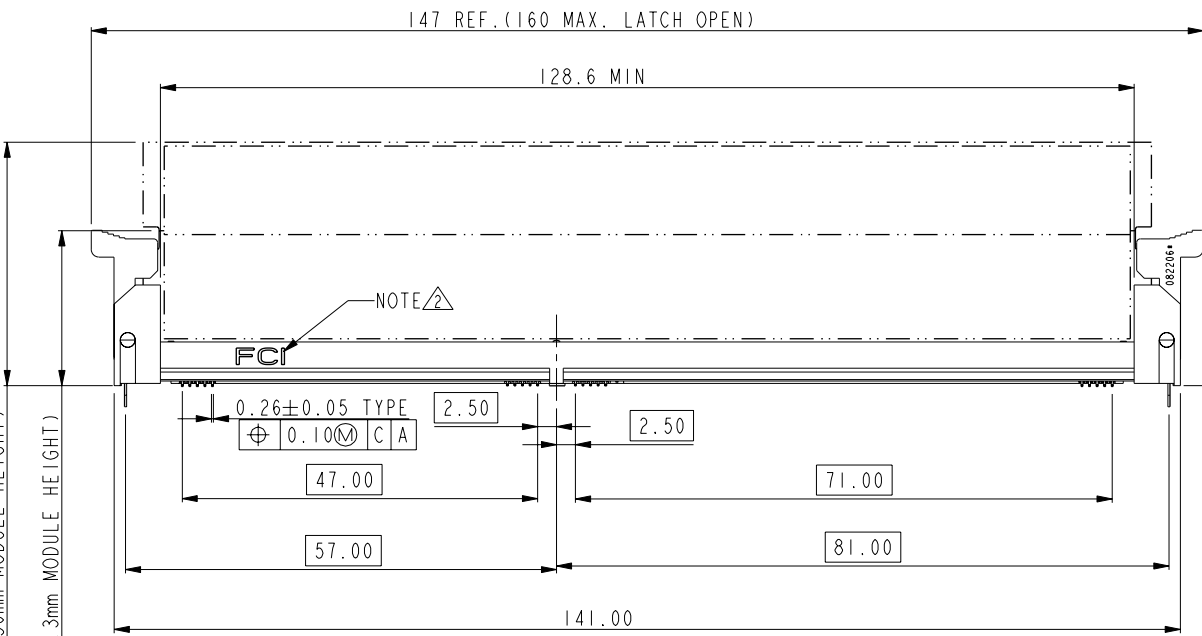
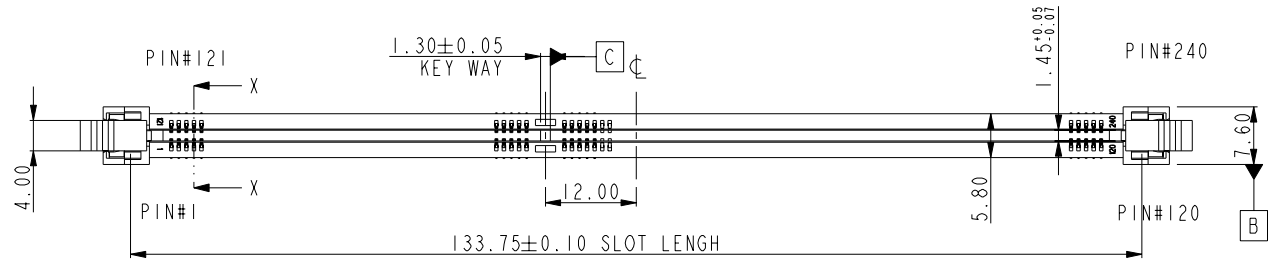
A

B

C

D

32.20 REF. (FOR 30mm MODULE HEIGHT)  
20.60 REF. (FOR 18.3mm MODULE HEIGHT)



A

B

C

D

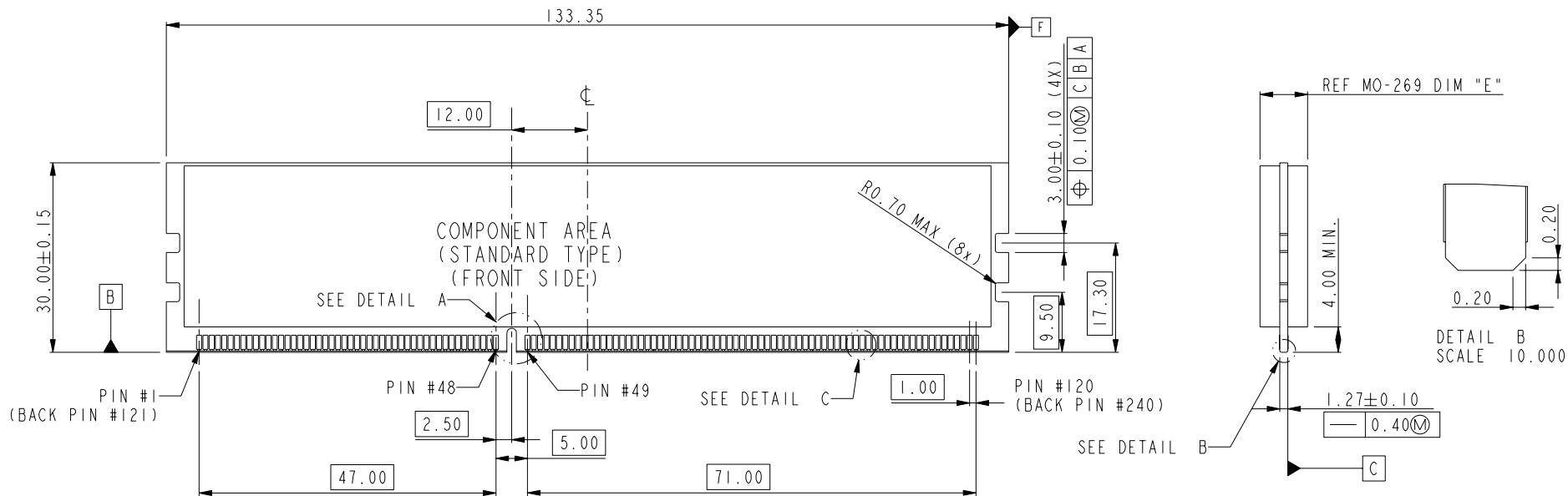
REV F - 2006-04-17

| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| H   | DG08-0248 | BL  | 09/10/08   |
| J   | DG08-0342 | BL  | 12/11/08   |
| K   | DG09-0040 | BL  | 02/18/09   |
| L   | DG09-0094 | BL  | 03/26/09   |
| M   | DG09-0238 | BL  | 07/26/09   |
| N   | DG09-0308 | BL  | 09/18/09   |
| P   | N10-0076  | R.B | 2010-04-30 |

|                                                                                       |             |          |                                                                                               |        |               |          |                                                                                                  |             |                                                                                          |        |
|---------------------------------------------------------------------------------------|-------------|----------|-----------------------------------------------------------------------------------------------|--------|---------------|----------|--------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------|--------|
| www.fciconnect.com                                                                    |             |          | surface  |        | tolerance std |          | projection  |             | MM  |        |
|                                                                                       |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                         |        |               |          |                                                                                                  |             |                                                                                          |        |
| Dr                                                                                    | CHARLIE S   | 03/07/07 | ANGULAR                                                                                       | LINEAR | 0.X           | ±0.5     | size A4                                                                                          | Scale 1.000 |                                                                                          |        |
| Eng                                                                                   | CHARLIE S   | 03/07/07 |                                                                                               |        | 0.XX          | ±0.30    |                                                                                                  |             |                                                                                          |        |
| Chr                                                                                   | GARY HSIEH  | 03/07/07 |                                                                                               |        | 0°            | ±3°      |                                                                                                  |             | 0.XXX                                                                                    | ±0.15  |
| Appr                                                                                  | JOSEPH HSIA | 03/07/07 | Product family                                                                                |        |               |          |                                                                                                  | Spec ref *  |                                                                                          |        |
|  |             |          | title SMT DDRIII SOCKET ASS'Y                                                                 |        |               | dwg no   |                                                                                                  | 10074146    |                                                                                          | Rev. P |
|                                                                                       |             |          | DDRIII 240P SOCKET (FOR UDIMM MODULE)                                                         |        |               |          |                                                                                                  |             |                                                                                          |        |
|                                                                                       |             |          | catalog no *                                                                                  |        |               | CUSTOMER |                                                                                                  |             | sheet 1 of 4                                                                             |        |



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REV F - 2006-04-17



title SMT DDRIII SOCKET ASS'Y  
DDRIII 240P SOCKET (FOR UDIMM MODULE)  
catalog no \*

dwg no 10074146  
CUSTOMER

Rev. P

sheet 2 of 4

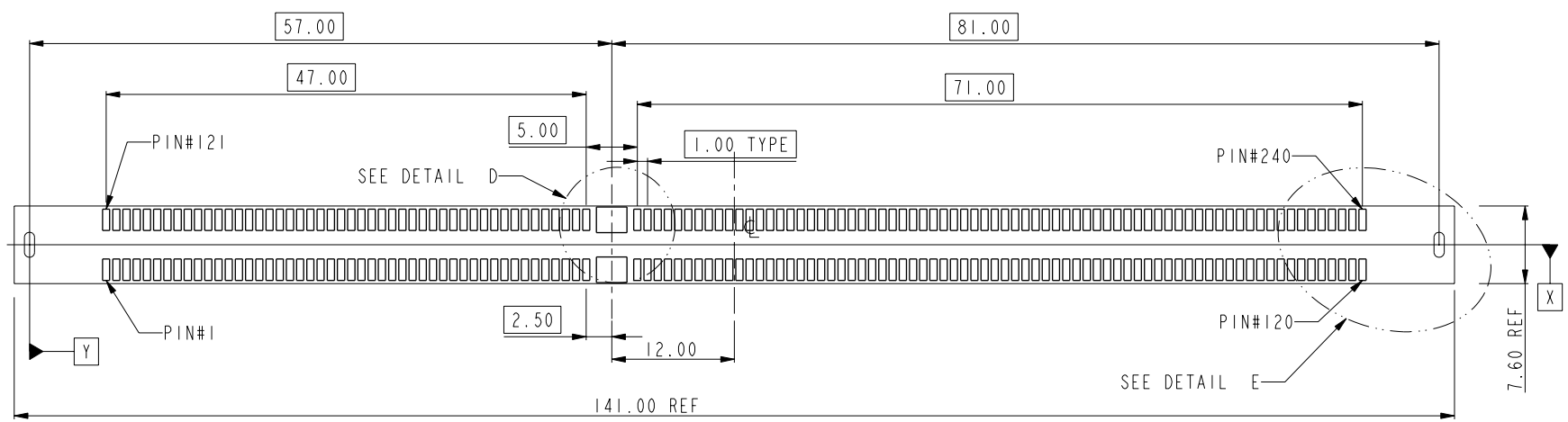
3 PDM: Rev:P

STATUS Released

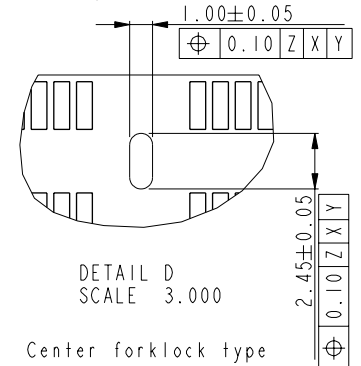
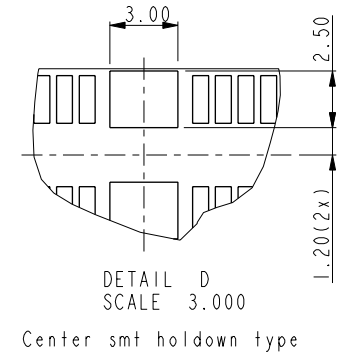
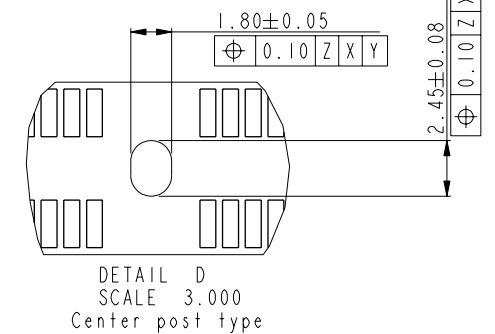
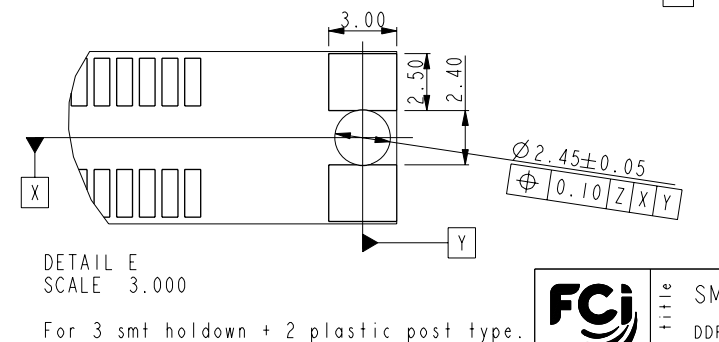
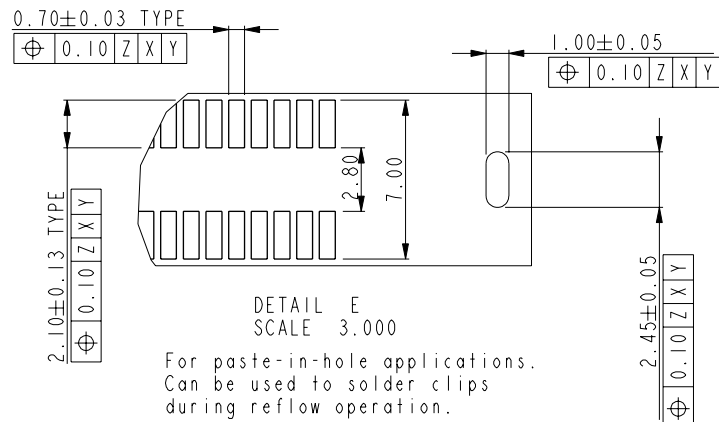
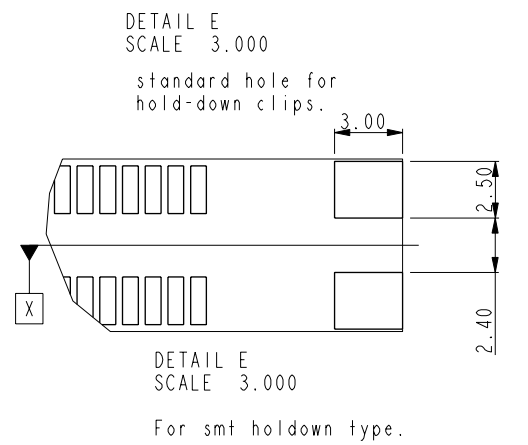
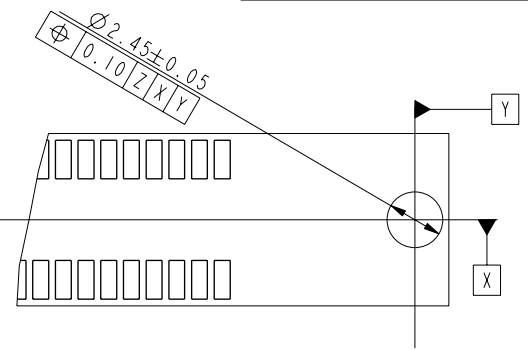
4 Printed: Jul 28, 2010



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### RECOMMEND CIRCUIT BOARD LAYOUT



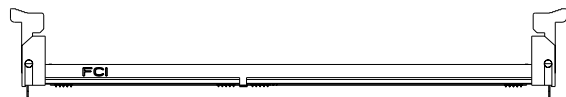
|            |                                       |        |          |              |   |
|------------|---------------------------------------|--------|----------|--------------|---|
| title      | SMT DDRIII SOCKET ASS'Y               | dwg no | 10074146 | Rev.         | P |
|            | DDRIII 240P SOCKET (FOR UDIMM MODULE) |        |          |              |   |
| catalog no |                                       |        | CUSTOMER | sheet 3 of 4 |   |



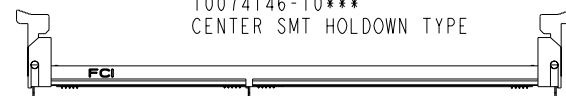
Copyright FCI.

C

D

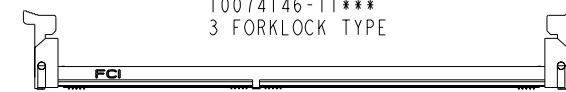


SCALE 0.500



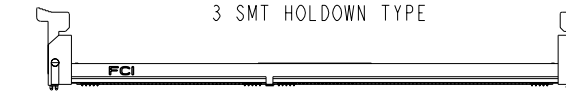
10074146-10\*\*\*  
CENTER SMT HOLDOWN TYPE

SCALE 0.500



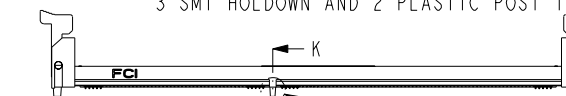
10074146-11\*\*\*  
3 FORKLICK TYPE

SCALE 0.500



10074146-12\*\*\*  
3 SMT HOLDOWN TYPE

SCALE 0.500



10074146-13\*\*\*  
3 SMT HOLDOWN AND 2 PLASTIC POST TYPE

SCALE 0.500

10074146-15\*\*\*  
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-12-481.
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. THE HOLDOWN TYPES ARE OPTION FOR FORKLICK OR SMT HOLDOWN.

STYLE : MECHANICAL KEYING

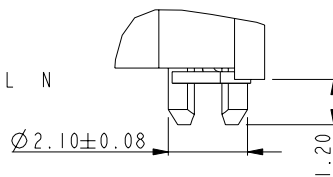
1 : 1.5 VOLT. W/ CENTER KEY

HOLD DOWN TYPE

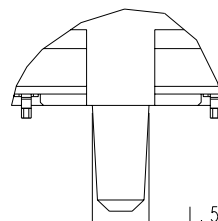
- 0 : CENTER HOLD DOWN, FORKLICK AT BOTH END  
1 : 3 FORKLICK TYPE  
2 : 3 SMT HOLDOWN TYPE  
3 : 3 SMT HOLDOWN AND 2 PLASTIC POST  
5 : 3 PLASTIC POST TYPE

PACKAGE AND MYLAR OPTION

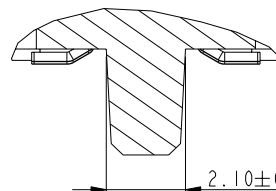
- 0 : SOFT TRAY WITHOUT MYLAR  
1 : HARD TRAY WITH MYLAR  
2 : HARD TRAY WITHOUT MYLAR  
3 : SOFT TRAY WITH MYLAR



DETAIL N  
SCALE 5.000



DETAIL J  
SCALE 5.000



SECTION K-K  
SCALE 5.000



title SMT DDRIII SOCKET ASS'Y  
DDRIII 240P SOCKET (FOR UDIMM MODULE)  
catalog no \*

dwg no 10074146

Rev. P

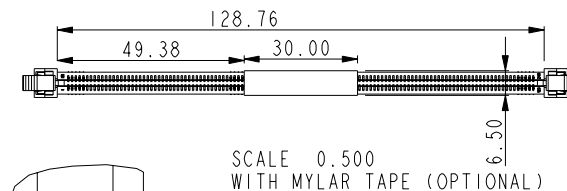
CUSTOMER sheet 4 of 4

#### PLATING

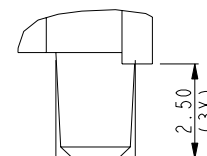
| CODE | CONTACT                 | SOLDERTAIL                        | UNDERPLATE                        | NOTE                   |
|------|-------------------------|-----------------------------------|-----------------------------------|------------------------|
| 1    | 10u" (0.25um) MIN. GOLD | 100u" (2.54um) TIN-LEAD           | 50u" (1.27um) MIN. NICKEL OVERALL | CONTACT NON-LUBRICATED |
| 2    | 15u" (0.38um) MIN. GOLD |                                   |                                   |                        |
| 3    | 30u" (0.76um) MIN. GOLD |                                   |                                   |                        |
| 4    | GOLD FLASH              |                                   |                                   |                        |
| 5    | 10u" (0.25um) MIN. GOLD | 100u" (2.54um) MIN. 100% MATT TIN | 50u" (1.27um) MIN. NICKEL OVERALL | CONTACT LUBRICATED     |
| 6    | 15u" (0.38um) MIN. GOLD |                                   |                                   |                        |
| 7    | 30u" (0.76um) MIN. GOLD |                                   |                                   |                        |
| 8    | GOLD FLASH              |                                   |                                   |                        |
| 1LF  | 10u" (0.25um) MIN. GOLD | 100u" (2.54um) MIN. 100% MATT TIN | 50u" (1.27um) MIN. NICKEL OVERALL | CONTACT NON-LUBRICATED |
| 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 : BLACK HOUSING + BLUE(661C) EJECTOR  
3 : BLACK HOUSING + YELLOW(123C) EJECTOR



SCALE 0.500  
WITH MYLAR TAPE (OPTIONAL)



DETAIL M  
SCALE 5.000