

# First Article Inspection -Mayfield Results

Part Number  
Part Name

F 300420  
LOCK TUMBLER BLANK

Drawing #  
Rev. Level

D-300420  
D

Vendor  
Date Received  
Lot #

MEGAMENT  
5/18/00  
SAMPLES

300420-2

| SAMPLES |                       |       |       |       |       | Average | Min     | Max    |                 |
|---------|-----------------------|-------|-------|-------|-------|---------|---------|--------|-----------------|
| #       | Feature Name          | #1    | #2    | #3    | #4    | #5      |         |        |                 |
| 1       | .595 +/- .005         | 0.597 | 0.595 | 0.595 | 0.596 | 0.595   | 0.596   | 0.595  | 0.597 blade mic |
| 2       | .2455 DIA +/- .0025   | 0.243 | 0.245 | 0.242 | 0.244 | 0.244   | 0.244   | 0.242  | 0.245 blade mic |
|         |                       | 0.240 | 0.240 | 0.240 | 0.240 | 0.239   |         |        | blade mic       |
|         |                       | 0.241 | 0.243 | 0.242 | 0.243 | 0.241   |         |        | blade mic       |
| 3       | J FUNCTION GAGE       | R     | R     | R     | R     | R       | R       | R      | R J GAGE        |
| 4       | .142 DIA +.005/- .001 | 0.141 | 0.142 | 0.141 | 0.141 | 0.141   | 0.141   | 0.141  | 0.142 GAGE PIN  |
| 5       | .030 +/- .005         | 0.028 | 0.030 | 0.030 | 0.028 | 0.027   | 0.029   | 0.027  | 0.030           |
| 6       | .078 DIA +/- .005     | 0.076 | 0.075 | 0.075 | 0.075 | 0.075   | 0.075   | 0.075  | 0.076 GAGE PIN  |
| 7       | .142 +.005/- .001     | 0.143 | 0.142 | 0.142 | 0.142 | 0.141   | 0.142   | 0.141  | 0.143           |
| 8       | .385 +/- .005         | 0.384 | 0.382 | 0.382 | 0.383 | 0.384   | 0.383   | 0.382  | 0.384 COMP      |
| 9       | .068 +/- .005         | 0.069 | 0.071 | 0.067 | 0.069 | 0.068   | 0.069   | 0.067  | 0.071 COMP      |
| 10      | .155 +/- .005         | 0.160 | 0.155 | 0.159 | 0.155 | 0.157   | 0.157   | 0.155  | 0.160 COMP      |
| 11      | .112 +/- .010         | 0.107 |       |       |       |         |         |        |                 |
| 12      |                       |       |       |       |       |         | #DIV/0! | 0.000  | 0.000           |
| 13      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 14      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 15      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 16      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 17      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 18      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 19      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 20      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 21      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 22      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 23      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 24      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 25      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 26      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 27      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 28      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 29      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |
| 30      |                       |       |       |       |       |         | #DIV/0! | 0.0000 | 0.0000          |

Approved By  
Rejected By

Date  
Date

Revised By: M. Goelmboski  
Revision Date: 2/14/00

710-300420-1

ET06366