



INITIAL PROCESS CAPABILITY STUDY

Format No. :
Rev. # :
Rev. Date :

| Part / Dimension details | |
|--------------------------|-------------------|
| Part Name: | |
| Drawing No. | |
| Parameter: | Out side Diameter |
| Dimension: | 25.400 |
| USL | 1.090 |
| LSL | 0.920 |

| M/C. No.: | | | |
|-----------------------------------|--------|---------------------|--------|
| Process Capability / Performance | | | |
| X - Bar | 1.0072 | Standard Deviation: | |
| | | σ | 0.0309 |
| Process Capability / Performance: | | | |
| Pp | 0.92 | Obs. Min. | 0.91 |
| Ppk | 0.89 | Obs. Min. | 1.03 |

| | | | |
|----------|--|-------|--|
| Sr. No.: | | Date: | |
|----------|--|-------|--|

| Sr. | 1 | 2 | 3 | 4 | 5 |
|-------|-------|-------|-------|-------|-------|
| 1 | 1.02 | 1.03 | 1.01 | 1.02 | 0.91 |
| 2 | 1.00 | 1.02 | 1.03 | 1.00 | 1.00 |
| 3 | 1.02 | 1.02 | 1.03 | 1.02 | 1.02 |
| 4 | 1.01 | 1.03 | 1.01 | 1.02 | 1.00 |
| 5 | 1.00 | 1.02 | 1.02 | 0.91 | 1.01 |
| X-Bar | 1.010 | 1.024 | 1.020 | 0.994 | 0.988 |
| Range | 0.020 | 0.010 | 0.020 | 0.110 | 0.110 |

Quality Manager Note _____

Quality Engineer Sign _____

Product Manager Sign. _____

Quality Manager Sign. _____