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|-----------------------------------|-----------------------|
| 5.10 (201) ~ 12.70 (500) | +0.03 -0.20 |
| 1.78 (070) ~ 5.09 (200) | +0.03 -0.10 |
| 0 ~ 1.77 (069) | +0.03 -0.05 |
| DIMENSION A & B (MILS) | TOLERANCE (MM) |

| | | | | | | | | | |
|-----------------|----------|----------|----------|----------|-----------|--------------|----------|---------------|---------------|
| 13-111F-11 | 2.20 | 1.90 | 1.70 | 1.40 | 50° | 1.0 | 0.3 | 0.2 | 12U1/12U3 |
| 13-111F-10 | 1.52 | 1.91 | 0.89 | 1.18 | 50° | 0.9 | 0.3 | 0.2 | 12U1/12U3 |
| 13-111F-09 | 2.20 | 1.72 | 1.90 | 1.42 | 50° | 1.0 | 0.3 | 0.2 | 12U1/12U3 |
| 13-111F-08 | 2.00 | 2.00 | 1.80 | 1.80 | 50° | 1.0 | 0.4 | 0.2 | 12U1/12U3 |
| 13-111F-07 | 2.40 | 2.10 | 1.80 | 1.50 | 50° | 0.7 | 0.2 | 0.3 | 12U1/12U3 |
| 13-111F-06 | 2.50 | 1.14 | 2.10 | 0.80 | 50° | 0.5 | 0.3 | 0.2 | 12U1/12U3 |
| 13-111F-05 | 1.90 | 1.90 | 1.50 | 1.50 | 50° | 1.0 | 0.4 | 0.2 | 12U1/12U3 |
| 13-111F-04 | 3.20 | 1.20 | 2.6 | 0.8 | 50° | 0.7 | 0.3 | 0.2 | 12U1/12U3 |
| 13-111F-03 | 3.00 | 2.30 | 2.00 | 0.80 | 50° | 0.7 | 0.2 | 0.2 | 12U1/12U3 |
| 13-111F-02 | 1.60 | 1.44 | 1.20 | 1.00 | 50° | 0.6 | 0.3 | 0.2 | 12U1/12U3 |
| 13-111F-01 | 1.70 | 1.10 | 1.50 | 0.80 | 50° | 0.5 | 0.3 | 0.2 | 12U1/12U3 |
| PART NO. | A | B | C | D | E° | phi F | H | MAX. J | HOLDER |

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|---|---|-----------------|---|-------------|------------------------|---------|
| TOLERANCE UNLESS SPECIFIED X.X ±0.10 GENERAL TOL. ±0.2 X.XX ±0.05 ANGLE ±0.5° SURFACE FINISH 1.6/ REMOVE BURRS AND SHARP EDGES ALL DIMENSIONS IN MM. 13-99-021 R03 | MATERIAL: NBR | PROCESS: - | TITLE: RUBBER TIP (MODIFICATION FRAME TIP) | REV. 11 | | |
| |  MICRO-MECHANICS PTE LTD mmsingapore@micro-mechanics.com TEL: 67468800 FAX: 67467700 | DATE: 18-1-07 | DRAFTSMAN: JASMINE | SCALE: 10:1 | DRAWING NO: 13-111F-XX | |
| | | CHECKER: JJ LOY | | | | SHEET 1 |
| | | | | | | 1 |