

13-113A-28	13.85	10.84	0.3	0.3	0.3	2.0	15.0x15.0	0.3	0.4	12D3
13-113A-27	8.00	2.50	0.3	0.3	0.3	1.0	5.0x9.6	0.3	0.2	12C
13-113A-26	7.37	7.37	0.60	0.6	0.6	1.0	10.0x10.0	0.3	0.4	12C
13-113A-25	5.25	3.50	0.2	0.2	0.2	1.0	7.0x7.0	0.3	0.3	12C
13-113A-24	4.00	4.00	0.2	0.2	0.2	1.0	5.0x5.0	0.3	0.4	12U1/3
13-113A-23	3.00	3.00	0.25	0.25	0.25	1.0	4.0x4.0	0.4	0.3	12U1/3
13-113A-22	8.40	7.10	0.3	0.3	0.3	1.3	9.6x9.6	0.3	0.4	12C
13-113A-21	7.10	7.10	0.3	0.3	0.3	1.0	8.0x8.0	0.5	0.4	12C
13-113A-20	8.13	6.60	0.5	0.7	0.7	1.0	9.6x9.6	0.3	0.4	12C
13-113A-19	7.60	6.10	0.3	0.5	0.5	1.0	9.6x9.6	0.3	0.4	12C
13-113A-18	7.40	5.80	0.4	0.4	0.4	1.0	6.1x9.6	0.5	0.4	12C
13-113A-17	6.50	6.30	0.3	0.3	0.3	1.0	7.0x7.0	0.3	0.4	12C
13-113A-16	5.20	5.20	0.3	0.3	0.3	1.0	7.0x7.0	0.3	0.4	12C
13-113A-15	5.00	3.20	0.30	0.18	1.0	1.0	7.0x7.0	0.5	0.4	12C
13-113A-14	3.89	3.39	0.30	0.3	0.3	1.0	4.0x4.0	0.3	0.3	12U1/3
13-113A-13	6.24	4.33	1.41	1.87	1.87	1.0	6.0x8.0	0.3	0.4	12C
13-113A-12	7.00	7.00	0.60	0.6	0.6	1.0	8.0x8.0	0.3	0.4	12C
13-113A-11	9.50	1.30	0.25	0.25	0.25	1.0	5.0x10.0	0.3	0.2	12C
13-113A-10	4.50	1.30	0.25	0.25	0.25	0.8	5.0x6.0	0.3	0.2	12U1/3
13-113A-09	4.50	2.40	0.20	0.2	0.2	1.0	5.0x5.0	0.3	0.2	12U1/3
13-113A-08	5.20	4.40	0.30	0.3	0.3	1.0	7.0x7.0	0.3	0.4	12C
13-113A-07	5.59	5.59	0.35	0.35	0.35	1.0	7.0x7.0	0.3	0.4	12C
13-113A-06	7.40	5.80	0.4	0.4	0.4	1.0	6.1x9.6	0.3	0.4	12C
13-113A-05	5.08	1.20	0.2	0.4	0.4	0.8	5.0x6.0	0.3	0.2	12U1/3
13-113A-04	7.00	3.50	0.5	0.5	0.5	1.0	4.0x7.5	0.3	0.3	12C
13-113A-03	9.00	4.50	0.5	0.5	0.5	1.0	5.0x9.5	0.3	0.4	12C
13-113A-02	11.42	6.60	0.6	0.6	0.6	1.0	8.0x12.0	0.3	0.4	12C
13-113A-01	8.89	7.11	0.5	0.5	0.5	1.3	8.0x12.0	0.3	0.4	12C
PART NO.	A	B	C ±0.1(2x)	D ±0.1	K ±0.1	ØF	G	H	MAX. J	HOLDER

12.71 (501) ~ 63.00 (1600)	+0.03 -0.25
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)

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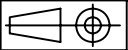
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**TOLERANCE UNLESS SPECIFIED**  
 X.X ±0.10 GENERAL TOL. ±0.2  
 X.XX ±0.05 ANGLE ±0.5°  
 SURFACE FINISH 1.6/√  
 REMOVE BURRS AND SHARP EDGES  
 ALL DIMENSIONS IN MM.  
 13-99-027 R03

MATERIAL: FLURO  
  
**MICRO-MECHANICS PTE LTD**  
 mmsingapore@micro-mechanics.com  
 TEL: 67468800 FAX: 67467700

PROCESS: -  
 DATE: 27-5-09  
 DRAFTSMAN: HS TOK  
 CHECKER: DESMOND

TITLE: RUBBER TIP  
(MODIFICATION FRAME TIP)  
 SCALE: 10:1  
 DRAWING NO: 13-113A-XX  
 REV. 27  
 SHEET 1/2



1 2 3 4 5 6

A

A

B

B

C

C

D


D

13-113A-43	8.80	8.20	0.4	0.4	0.4	1.0	12.0x12.0	0.3	0.2	12C
13-113A-42	11.95	9.85	0.5	0.5	0.5	2.0	14.0x14.0	0.3	0.4	12D3
13-113A-41	9.30	6.00	0.5	0.5	0.5	1.0	8.0x12.0	0.3	0.4	12C
13-113A-40	12.90	10.80	0.5	0.5	0.5	2.0	15.0x15.0	0.3	0.4	12D3
13-113A-39	10.30	7.00	0.5	0.5	0.5	1.0	8.0x12.0	0.3	0.4	12C
13-113A-38	7.90	7.60	0.5	0.5	0.5	1.0	10.0x10.0	0.3	0.2	12C
13-113A-37	4.00	3.00	0.3	0.3	0.3	1.0	7.0x7.0	0.3	0.3	12C
13-113A-36	3.70	2.70	0.3	0.3	0.3	1.0	7.0x7.0	0.3	0.2	12C
13-113A-35	7.57	7.26	0.5	0.5	0.5	1.0	10.0x10.0	0.3	0.4	12C
13-113A-34	4.30	4.00	0.3	0.3	0.3	1.0	7.0x7.0	0.3	0.4	12C
13-113A-33	4.30	2.30	0.4	0.4	0.4	1.0	5.0x5.0	0.3	0.2	12C
13-113A-32	3.60	2.20	0.4	0.4	0.4	1.0	5.0x5.0	0.3	0.2	12C
13-113A-31	2.10	4.60	0.55	1.05	1.05	1.0	5.0x5.0	0.3	0.2	12C
13-113A-30	3.10	3.10	0.3	0.3	0.3	1.0	4.0x4.0	0.4	0.3	12U1/3
13-113A-29	12.85	4.50	0.3	0.3	0.3	2.0	10.0x15.0	0.3	0.4	12D3
PART NO.	A	B	C ±0.1(2x)	D ±0.1	K ±0.1	ØF	G	H	MAX. J	HOLDER

12.71 (501) ~ 63.00 (1600)	+0.03 -0.25
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)

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<b>TOLERANCE UNLESS SPECIFIED</b> 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.	MATERIAL: FLURO	PROCESS: -	TITLE: RUBBER TIP (MODIFICATION FRAME TIP)	REV. 27
	 <b>MICRO-MECHANICS PTE LTD</b> mmsingapore@micro-mechanics.com TEL: 67468800 FAX: 67467700	DATE: 27-5-09	DRAFTSMAN: HS TOK	SCALE: -
13-99-027 R03		CHECKER: DESMOND	DRAWING NO: 13-113A-XX	2

1 2 3 4 5 6