

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
<b>DIMENSION A &amp; B (MILS)</b>	<b>TOLERANCE (MM)</b>

13-087A-28	3.56 (140)	8.38 (330)	0.4	0.4	10.0	6.0	-
13-087A-27	3.05 (120)	7.10 (280)	0.4	0.3	10.0	6.0	-
13-087A-26	4.06 (160)	8.13 (320)	0.4	0.4	10.0	6.0	-
13-087A-25	5.08 (200)	8.89 (350)	0.4	0.4	10.0	8.0	-
13-087A-24	6.10 (240)	8.89 (350)	0.6	0.4	10.0	8.0	-
13-087A-23	7.62 (300)	11.43 (450)	0.8	0.4	12.0	10.0	-
13-087A-22	5.59 (220)	9.65 (380)	0.6	0.4	12.0	7.0	-
13-087A-21	6.10 (240)	9.90 (390)	0.6	0.4	12.0	8.0	-
13-087A-20	6.60 (260)	12.00 (472)	0.6	0.4	12.0	8.0	NO ANGLE ON DIM. "X"
13-087A-19	6.60 (260)	7.87 (310)	0.6	0.4	10.0	8.0	-
13-087A-18	3.56 (140)	8.13 (320)	0.4	0.4	10.0	6.0	-
13-087A-17	8.13 (320)	9.14 (360)	0.8	0.4	12.0	10.0	-
13-087A-16	4.32 (170)	8.64 (340)	0.4	0.4	10.0	6.0	-
13-087A-15	6.60 (260)	8.13 (320)	0.6	0.4	10.0	8.0	-
13-087A-14	5.00 (197)	10.00 (394)	0.4	0.4	12.0	7.0	-
13-087A-13	4.50 (177)	9.00 (354)	0.4	0.4	12.0	6.0	-
13-087A-12	8.66 (340)	9.66 (380)	0.8	0.4	12.0	10.0	-
13-087A-11	3.81 (150)	7.62 (300)	0.4	0.4	10.0	6.0	-
13-087A-10	5.84 (230)	8.38 (330)	0.6	0.4	10.0	7.0	-
13-087A-09	5.58 (220)	12.00 (472)	0.6	0.4	12.0	7.0	NO ANGLE ON DIM. "X"
13-087A-08	8.13 (320)	12.00 (472)	0.8	0.4	12.0	10.0	NO ANGLE ON DIM. "X"
13-087A-07	7.87 (310)	12.00 (472)	0.8	0.4	12.0	9.0	NO ANGLE ON DIM. "X"
13-087A-06	5.84 (230)	12.00 (472)	0.6	0.4	12.0	7.0	NO ANGLE ON DIM. "X"
13-087A-05	8.64 (340)	12.00 (472)	0.8	0.4	12.0	10.0	NO ANGLE ON DIM. "X"
13-087A-04	4.70 (185)	8.38 (330)	0.4	0.4	12.0	6.0	-
13-087A-03	5.84 (230)	10.16 (400)	0.6	0.4	12.0	7.0	-
13-087A-02	7.10 (280)	12.00 (472)	0.6	0.4	12.0	8.0	-
13-087A-01	5.08 (200)	10.16 (400)	0.4	0.4	12.0	6.0	-
<b>PART NO.</b>	<b>A (MILS)</b>	<b>B (MILS)</b>	<b>T</b>	<b>MAX. H</b>	<b>X</b>	<b>Y</b>	<b>REMARK</b>

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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 1/8 REMOVE BURRS AND SHARP EDGES ALL DIMENSIONS IN MM.
13-99-027 R03

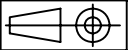
MATERIAL: FLUORO

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

PROCESS: -
DATE: 20-8-08
DRAFTSMAN: DESMOND
CHECKER: HT LEK

TITLE: HI-TEMP. RUBBER TIP (12C HOLDER)
SCALE: 10:1
DRAWING NO: 13-087A-XX

REV. 16
SHEET 1
3



1 2 3 4 5 6

A

A

B

B

C

C

D


D

13-087A-56	7.10 (280)	10.70 (420)	0.6	0.4	12.0	10.0	-
13-087A-55	7.10 (280)	8.89 (350)	0.6	0.4	10.0	10.0	-
13-087A-54	6.60 (260)	10.16 (400)	0.6	0.4	12.0	8.0	-
13-087A-53	6.10 (240)	10.70 (420)	0.6	0.4	12.0	8.0	-
13-087A-52	6.10 (240)	9.14 (360)	0.6	0.4	10.0	8.0	-
13-087A-51	6.10 (240)	7.60 (300)	0.6	0.4	10.0	8.0	-
13-087A-50	4.57 (180)	9.14 (360)	0.4	0.4	12.0	6.0	-
13-087A-49	6.60 (260)	8.38 (330)	0.6	0.4	12.0	8.0	-
13-087A-48	11.20 (441)	12.00 (472)	0.8	0.4	12.0	12.0	NO ANGLE ON DIM. "X"
13-087A-47	5.84 (230)	11.43 (450)	0.6	0.4	12.0	7.0	-
13-087A-46	4.82 (190)	10.41 (410)	0.4	0.4	12.0	6.0	-
13-087A-45	2.00 (079)	6.00 (236)	0.3	0.2	6.0	5.0	-
13-087A-44	5.10 (201)	7.40 (291)	0.4	0.4	10.0	8.0	-
13-087A-43	5.05 (199)	8.13 (320)	0.4	0.4	10.0	8.0	-
13-087A-42	7.20 (283)	11.50 (453)	0.6	0.4	12.0	10.0	-
13-087A-41	5.20 (204)	7.70 (303)	0.4	0.4	10.0	7.0	-
13-087A-40	8.38 (330)	10.16 (400)	0.8	0.4	12.0	10.0	-
13-087A-39	6.93 (273)	11.94 (470)	0.6	0.4	12.0	8.0	-
13-087A-38	6.93 (273)	8.58 (338)	0.6	0.4	10.0	8.0	-
13-087A-37	6.25 (246)	8.84 (348)	0.6	0.4	10.0	8.0	-
13-087A-36	6.10 (240)	12.00 (472)	0.6	0.4	12.0	8.0	NO ANGLE ON DIM. "X"
13-087A-35	5.58 (220)	11.18 (440)	0.6	0.4	12.0	7.0	-
13-087A-34	6.60 (260)	11.43 (450)	0.6	0.4	12.0	8.0	-
13-087A-33	6.86 (270)	10.92 (430)	0.6	0.4	12.0	8.0	-
13-087A-32	5.40 (210)	10.70 (420)	0.4	0.4	12.0	7.0	-
13-087A-31	5.59 (220)	8.38 (330)	0.6	0.4	10.0	7.0	-
13-087A-30	6.10 (240)	10.92 (430)	0.6	0.4	12.0	8.0	-
13-087A-29	6.86 (270)	9.39 (370)	0.6	0.4	12.0	8.0	-
PART NO.	A (MILS)	B (MILS)	T	MAX. H	X	Y	REMARK

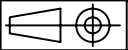
12.71 (501) ~ 63.00 (1600)	+0.03 -0.25
5.10 (201) ~ 12.70 (500)	+0.03 -0.20
1.78 (070) ~ 5.09 (200)	+0.03 -0.10
0 ~ 1.77 (069)	+0.03 -0.05
DIMENSION A & B (MILS)	TOLERANCE (MM)

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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. 13-99-027 R03	MATERIAL: FLUORO	PROCESS: -	TITLE: HI-TEMP. RUBBER TIP (12C HOLDER)	REV. 16		
	 <b>MICRO-MECHANICS PTE LTD</b> mmsingapore@micro-mechanics.com TEL: 67468800 FAX: 67467700	DATE: 20-8-08	DRAFTSMAN: DESMOND	SCALE: - DRAWING NO: 13-087A-XX	SHEET 2	
		CHECKER: HT LEK				3

1 2 3 4 5 6



1 2 3 4 5 6

A

A

B

B

C

C

D

D

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
<b>DIMENSION A &amp; B (MILS)</b>	<b>TOLERANCE (MM)</b>

13-087A-66	2.03 (080)	6.60 (260)	0.3	0.2	7.0	5.0	-
13-087A-65	2.70 (106)	3.70 (146)	0.4	0.4	6.0	6.0	-
13-087A-64	3.00 (118)	4.00 (158)	0.4	0.4	6.0	6.0	-
13-087A-63	7.37 (290)	8.13 (320)	1.6	0.4	10.0	10.0	-
13-087A-62	5.08 (200)	7.62 (300)	0.4	0.4	10.0	8.0	-
13-087A-61	4.57 (180)	10.16 (400)	0.4	0.4	12.0	6.0	-
13-087A-60	6.60 (260)	7.10 (280)	0.6	0.4	10.0	10.0	-
13-087A-59	5.80 (228)	5.80 (228)	1.4	0.4	5.8	5.8	NO ANGLE ON DIM. "X & Y"
13-087A-58	7.10 (280)	12.00 (472)	0.6	0.4	12.0	10.0	NO ANGLE ON DIM. "X"
13-087A-57	6.10 (240)	12.00 (472)	0.6	0.4	12.0	8.0	NO ANGLE ON DIM. "X"
<b>PART NO.</b>	<b>A (MILS)</b>	<b>B (MILS)</b>	<b>T</b>	<b>MAX. H</b>	<b>X</b>	<b>Y</b>	<b>REMARK</b>

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13-99-027 R03

MATERIAL: FLUORO

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DRAWING NO: 13-087A-XX

REV. 16
SHEET 3
3

1 2 3 4 5 6