

1

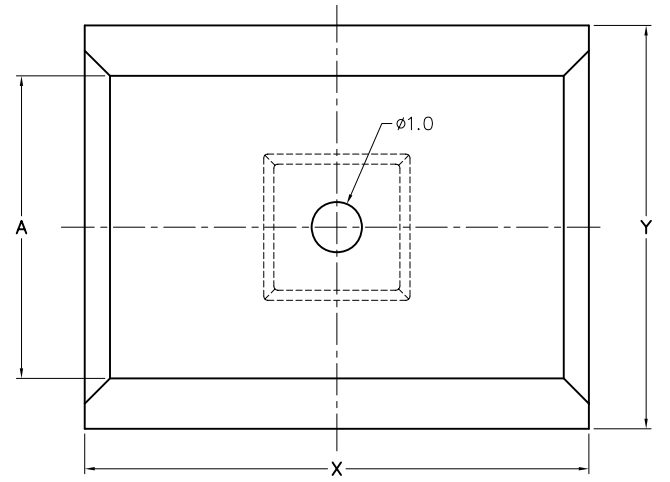
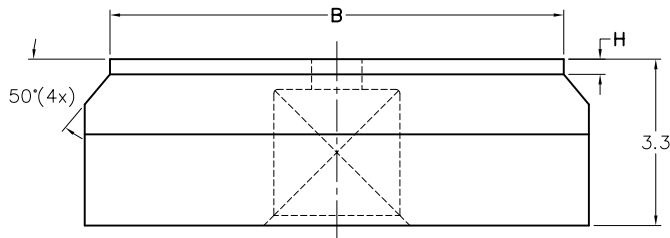
2

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4

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6




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)

13-087E-28	7.50 (295)	7.50 (295)	0.4	10.0	10.0
13-087E-27	3.20 (126)	3.90 (153)	0.3	6.0	6.0
13-087E-26	5.00 (197)	5.00 (197)	0.4	7.0	7.0
13-087E-25	4.33 (170)	6.24 (246)	0.4	8.0	6.0
13-087E-24	5.00 (197)	11.00 (433)	0.4	12.0	8.0
13-087E-23	6.00 (236)	6.00 (236)	0.4	8.0	8.0
13-087E-22	10.20 (402)	12.00 (472)	0.4	12.0	12.0
13-087E-21	7.20 (283)	11.50 (453)	0.4	12.0	10.0
13-087E-20	8.00 (315)	12.00 (472)	0.4	12.0	10.0
13-087E-19	4.00 (157)	4.00 (157)	0.4	6.0	6.0
13-087E-18	5.80 (228)	8.20 (323)	0.4	10.0	8.0
13-087E-17	7.70 (303)	12.00 (472)	0.4	12.0	8.0
13-087E-16	5.08 (200)	7.62 (300)	0.4	10.0	8.0
13-087E-15	4.59 (181)	8.09 (316)	0.4	10.0	6.0
13-087E-14	3.80 (150)	4.60 (181)	0.4	5.6	4.8
13-087E-13	7.00 (275)	7.00 (275)	0.4	8.0	8.0
13-087E-12	5.06 (199)	7.16 (282)	0.4	10.0	8.0
13-087E-11	7.10 (280)	11.68 (460)	0.4	12.0	8.0
13-087E-10	6.60 (260)	8.38 (330)	0.4	10.0	8.0
13-087E-09	3.56 (140)	4.44 (174)	0.4	7.0	5.0
13-087E-08	4.57 (179)	5.71 (224)	0.4	7.0	5.0
13-087E-07	4.20 (165)	7.20 (283)	0.4	10.0	6.0
13-087E-06	3.81 (150)	6.35 (250)	0.4	10.0	6.0
13-087E-05	7.10 (280)	8.89 (350)	0.4	12.0	8.0
13-087E-04	4.00 (157)	5.50 (217)	0.4	7.0	7.0
13-087E-03	3.00 (118)	4.00 (157)	0.3	6.0	6.0
13-087E-02	10.00 (394)	11.00 (433)	0.4	12.0	12.0
13-087E-01	10.89 (429)	11.09 (437)	0.4	12.0	12.0
PART NO.	A (MILS)	B (MILS)	MAX. H	X	Y

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TOLERANCE UNLESS SPECIFIED	MATERIAL: FLUORO	PROCESS: -	TITLE: RUBBER TIP (12C HOLDER)	REV.:	
X.X ±0.10 GENERAL TOL. ±0.2	 MICRO-MECHANICS PTE LTD mmsingapore@micro-mechanics.com TEL: 67468800 FAX: 67467700	DATE: 20-8-08	SCALE: 10:1	35	
X.XX ±0.05 ANGLE ±0.5°		DRAFTSMAN: MT HAN		DRAWING NO: 13-087E-XX	SHEET 1
SURFACE FINISH 1.6/		CHECKER: HS TOK			3
REMOVE BURRS AND SHARP EDGES					
ALL DIMENSIONS IN MM.					

13-99-027 R03

1

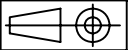
2

3

4

5

6



1 2 3 4 5 6

A

B

C

D

A

B

C

D

13-087E-84	4.80 (189)	3.80 (150)	0.4	5.0	7.0
13-087E-83	3.80 (150)	3.80 (150)	0.4	6.0	6.0
13-087E-82	2.90 (114)	3.90 (153)	0.3	5.0	5.0
13-087E-81	3.35 (132)	2.90 (114)	0.3	5.0	5.0
13-087E-80	5.00 (196)	3.60 (141)	0.4	5.0	7.0
13-087E-79	3.30 (130)	4.40 (173)	0.4	7.0	5.0
13-087E-78	4.00 (157)	11.00 (433)	0.4	12.0	7.0
13-087E-77	7.00 (275)	10.50 (413)	0.4	12.0	10.0
13-087E-76	3.65 (144)	4.59 (181)	0.4	7.0	5.0
13-087E-75	11.00 (433)	11.00 (433)	0.4	12.0	12.0
13-087E-74	4.00 (157)	5.00 (197)	0.4	6.0	6.0
13-087E-73	3.50 (138)	7.50 (295)	0.4	10.0	6.0
13-087E-72	2.80 (110)	3.30 (130)	0.3	5.0	5.0
13-087E-71	5.50 (216)	5.50 (216)	0.4	8.0	8.0
13-087E-70	9.65 (380)	9.65 (380)	0.4	12.0	12.0
13-087E-69	5.08 (200)	7.11 (280)	0.4	10.0	8.0
13-087E-68	4.32 (170)	4.32 (170)	0.4	6.0	6.0
13-087E-67	7.25 (285)	7.80 (307)	0.4	10.0	10.0
13-087E-66	7.50 (295)	8.00 (315)	0.4	10.0	10.0
13-087E-65	8.40 (331)	8.60 (338)	0.4	10.0	10.0
13-087E-64	8.50 (335)	8.70 (342)	0.4	10.0	10.0
13-087E-63	3.20 (126)	4.50 (177)	0.3	7.0	5.0
13-087E-62	3.30 (130)	4.83 (190)	0.4	7.0	5.0
13-087E-61	4.32 (170)	4.82 (190)	0.4	7.0	7.0
13-087E-60	3.30 (130)	4.44 (175)	0.4	7.0	5.0
13-087E-59	3.80 (149)	3.80 (149)	0.4	6.0	6.0
13-087E-58	6.70 (264)	7.00 (276)	0.4	12.0	10.0
13-087E-57	3.40 (134)	8.80 (346)	0.4	10.0	6.0

13-087E-56	8.20 (323)	9.15 (360)	0.4	12.0	10.0
13-087E-55	6.65 (262)	7.90 (311)	0.4	12.0	10.0
13-087E-54	5.00 (197)	9.90 (390)	0.4	12.0	7.0
13-087E-53	6.65 (262)	9.90 (390)	0.4	12.0	8.0
13-087E-52	4.40 (173)	5.10 (201)	0.4	7.0	7.0
13-087E-51	4.20 (165)	4.80 (189)	0.4	7.0	7.0
13-087E-50	7.00 (275)	9.00 (354)	0.4	12.0	8.0
13-087E-49	5.00 (197)	5.50 (216)	0.4	8.0	7.0
13-087E-48	7.60 (299)	10.10 (398)	0.4	12.0	10.0
13-087E-47	5.38 (212)	6.75 (266)	0.4	10.0	8.0
13-087E-46	4.00 (157)	5.38 (212)	0.4	7.0	7.0
13-087E-45	3.30 (130)	3.81 (150)	0.3	6.0	6.0
13-087E-44	3.30 (130)	3.30 (130)	0.3	6.0	6.0
13-087E-43	2.50 (098)	2.50 (098)	0.2	6.0	6.0
13-087E-42	6.60 (260)	11.43 (450)	0.4	12.0	8.0
13-087E-41	3.00 (118)	3.50 (138)	0.3	6.0	6.0
13-087E-40	3.00 (118)	5.00 (197)	0.3	6.0	6.0
13-087E-39	3.80 (150)	6.50 (256)	0.4	10.0	6.0
13-087E-38	3.80 (150)	7.40 (291)	0.4	10.0	6.0
13-087E-37	8.00 (315)	11.00 (433)	0.4	12.0	10.0
13-087E-36	6.00 (236)	8.10 (319)	0.4	12.0	10.0
13-087E-35	8.00 (315)	8.00 (315)	0.4	12.0	12.0
13-087E-34	9.00 (354)	9.00 (354)	0.4	12.0	12.0
13-087E-33	10.00 (394)	10.00 (394)	0.4	12.0	12.0
13-087E-32	4.50 (177)	4.50 (177)	0.4	6.0	6.0
13-087E-31	3.50 (138)	3.50 (138)	0.4	6.0	6.0
13-087E-30	3.00 (118)	3.00 (118)	0.3	6.0	6.0
13-087E-29	2.50 (098)	3.00 (118)	0.2	6.0	6.0

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)

PART NO.	A (MILS)	B (MILS)	MAX. H	X	Y
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PART NO.	A (MILS)	B (MILS)	MAX. H	X	Y
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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: FLUORO



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

PROCESS: -

DATE: 20-8-08

DRAFTSMAN: MT HAN

CHECKER: HS TOK

TITLE: RUBBER TIP (12C HOLDER)

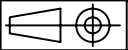
SCALE: -

DRAWING NO: 13-087E-XX

REV. 35

SHEET 2/3

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
DIMENSION A & B (MILS)	TOLERANCE (MM)

13-087E-91	8.80 (347)	10.00 (394)	0.4	12.0	12.0
13-087E-90	9.80 (386)	11.00 (433)	0.4	12.0	12.0
13-087E-89	6.36 (250)	6.73 (265)	0.4	10.0	10.0
13-087E-88	7.28 (287)	7.64 (301)	0.4	10.0	10.0
13-087E-87	2.54 (100)	4.06 (160)	0.2	6.0	6.0
13-087E-86	3.30 (130)	4.60 (181)	0.3	6.0	6.0
13-087E-85	5.80 (228)	3.80 (150)	0.4	5.0	7.0
PART NO.	A (MILS)	B (MILS)	MAX. H	X	Y

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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: FLUORO

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

PROCESS: -
DATE: 20-8-08
DRAFTSMAN: MT HAN
CHECKER: HS TOK

TITLE: RUBBER TIP (12C HOLDER)	REV. 35
SCALE: - DRAWING NO: 13-087E-XX	SHEET 3
	3

1 2 3 4 5 6