


PART NO.	A	B	C	D	ØE	L x W	HOLDER
13-140B-28	5.00	8.00	1.5	3.0	1.0	10.0x7.0	12C
13-140B-27	3.00	3.00	0.6	0.6	1.0	7.0x7.0	12C
13-140B-26	7.11	8.63	2.56	3.41	1.0	12.0x12.0	12C
13-140B-25	7.11	9.14	2.56	3.57	1.0	12.0x12.0	12C
13-140B-24	3.20	9.00	0.9	3.5	1.0	12.0x6.0	12C
13-140B-23	3.50	7.00	1.0	2.7	1.0	7.0x7.0	12C
13-140B-22	4.40	5.80	1.5	2.2	1.0	7.0x7.0	12C
13-140B-21	3.00	5.00	0.6	1.2	1.0	7.0x7.0	12C
13-140B-20	3.00	6.00	0.7	2.1	1.0	7.0x7.0	12C
13-140B-19	2.80	2.80	0.5	0.5	1.0	7.0x7.0	12C
13-140B-18	3.80	3.80	0.9	0.9	1.0	7.0x7.0	12C
13-140B-17	3.20	4.00	0.8	1.1	1.0	7.0x7.0	12C
13-140B-16	REFER TO 13-140D-02						
13-140B-15	3.65	5.90	0.8	1.9	1.0	7.0x7.0	12C
13-140B-14	4.20	9.55	1.0	3.6	1.0	12.0x7.0	12C
13-140B-13	3.30	2.60	0.9	0.7	1.0	7.0x7.0	12C
13-140B-12	3.30	3.20	0.8	0.8	1.0	7.0x7.0	12C
13-140B-11	5.00	10.00	1.5	4.0	1.0	12.0x7.0	12C
13-140B-10	4.00	8.00	1.0	3.0	1.0	10.0x6.0	12C
13-140B-09	5.00	5.00	1.6	1.6	1.0	7.0x7.0	12C
13-140B-08	4.00	4.00	1.0	1.0	1.0	7.0x7.0	12C
13-140B-07	3.60	5.60	0.9	1.8	1.0	7.0x7.0	12C
13-140B-06	4.00	5.00	1.5	1.8	1.0	7.0x7.0	12C
13-140B-05	4.94	5.65	1.6	1.8	1.0	7.0x7.0	12C
13-140B-04	4.55	6.98	1.4	2.5	1.0	7.0x7.0	12C
13-140B-03	4.60	5.30	1.4	1.7	1.0	7.0x7.0	12C
13-140B-02	REFER TO 13-140D-01						
13-140B-01	4.50	4.50	1.3	1.3	1.0	7.0x7.0	12C

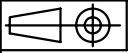
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TOLERANCE UNLESS SPECIFIED	MATERIAL: NBR
X.X ±0.10 GENERAL TOL. ±0.2	PROCESS: -
X.XX ±0.05 ANGLE ±0.5°	DATE: 28-9-07
SURFACE FINISH 1.5/	DRAFTSMAN: MT HAN
REMOVE BURRS AND SHARP EDGES	CHECKER: JJ LOY
ALL DIMENSIONS IN MM.	

MICRO-MECHANICS PTE LTD

 mmsingapore@micro-mechanics.com
 TEL: 67468800 FAX: 67467700

TITLE: RUBBER TIP (X-GROOVE)	REV.:
SCALE: 10:1	31
DRAWING NO: 13-140B-XX	SHEET 1
	2



1 2 3 4 5 6

A

A

B

B

C

C

D


D

12.72 (501) ~ 40.64 (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)

13-140B-45	4.40	3.30	0.9	0.65	1.0	7.0x7.0	12C
13-140B-44	3.70	3.73	0.9	0.9	1.0	7.0x7.0	12C
13-140B-43	6.25	6.96	2.1	2.4	1.0	10.0x10.0	12C
13-140B-42	5.95	6.67	2.0	2.3	1.0	10.0x7.0	12C
13-140B-41	4.00	6.00	1.0	2.0	1.0	7.0x7.0	12C
13-140B-40	3.10	5.80	0.7	1.9	1.0	7.0x7.0	12C
13-140B-39	4.57	4.95	1.3	1.5	1.0	7.0x7.0	12C
13-140B-38	6.00	6.00	2.0	2.0	1.0	7.0x7.0	12C
13-140B-37	8.00	8.00	3.0	3.0	2.0	10.0x10.0	12D3
13-140B-36	5.00	7.00	1.5	2.5	2.0	10.0x7.0	12D3
13-140B-35	3.50	3.50	1.0	1.0	1.0	7.0x7.0	12C
13-140B-34	8.78	10.35	3.4	4.2	1.0	12.0x10.0	12C
13-140B-33	4.00	4.50	1.0	1.3	1.0	7.0x7.0	12C
13-140B-32	3.50	5.00	1.0	1.6	1.0	7.0x7.0	12C
13-140B-31	4.99	7.39	1.5	2.7	1.0	10.0x7.0	12C
13-140B-30	3.19	4.94	0.7	1.5	1.0	7.0x7.0	12C
13-140B-29	4.50	6.50	1.3	2.3	1.0	7.0x7.0	12C
PART NO.	A	B	C	D	ØE	L x W	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. 13-99-027 R03	MATERIAL: NBR	PROCESS: -	TITLE: RUBBER TIP (X-GROOVE)	REV.:	
	 MICRO-MECHANICS PTE LTD mmsingapore@micro-mechanics.com TEL: 67468800 FAX: 67467700	DATE: 28-9-07	DRAWING NO: 13-140B-XX		31
		DRAFTSMAN: MT HAN	SCALE: 10:1	SHEET 2	
		CHECKER: JJ LOY			2

1 2 3 4 5 6