

$2\bar{0};0067^*\bar{0}00/2\bar{0};\bar{0}0<;000$	$000C000+000C0$
$\bar{0}0+;\bar{0}^*0000/2\bar{0};\bar{0}0<;000$	$000C000+000C0$
$000+?0;00$	$00/D$
$0000<;;\bar{0}700$	$00/0$

0	00
00	0
000	0
!"#	0\$%\$0\$&\$0\$

C MAX

G

E TYP

F TYP

TOLERANCE $\pm .005$

ADJACENT GROUND PINS SHALL BE CONNECTED
TO EACH OTHER AND TO GROUND PAD

SUGGESTED LAYOUT FOR PCB PATTERN

0000 0000000000000000 0 0

□□□□□□ □□□□□□□□□□ □

A	B	C	D	E	F	G	H	
.250	.300	.070	.290	.050	.015	.050	.060	
6.35	7.62	1.78	7.37	1.27	0.38	1.27	1.52	
J	K	L	M	N	P	Q	R	wt
.030	.080	.300	.100	.020	.015	.070	.014	grams
0.76	2.03	7.62	2.54	0.51	0.38	1.78	0.36	0.3

Demo Board MCL P/N: TB-74
Suggested PCB Layout (PL-067)

Figure 1: Pin 1 location and package outline. The diagram shows a square package with a side length of 0.25 inches. The pin pitch is 0.029 inches. The pin diameter is 0.015 inches. The pin spacing is 0.130 inches typical. The pin width is 0.044 inches, with 3 plating (PL) and a trace width (SEE NOTE BELOW). The package is labeled '17 X .015 PTH, FOR GROUND'.

 MASK OVER BARE COPPER)

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

800590::07000/20;0<;00=0>6:601
800590::070020;,+;/7900;2000>6:601
80:00-=0?60@0=0;0670;0:60,
80A0;10:~?09+=0
80<:00;+?0@06*00\$00000&B
802;+00900-0>10!0000007000\$0%0\$0%0

80000000

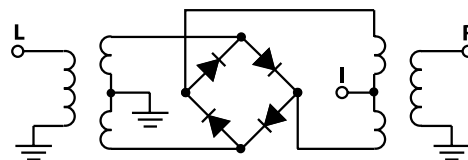
11111111

$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$
$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$	$\alpha\beta\gamma\delta\epsilon\zeta$ $\eta\theta\iota\kappa\lambda\mu$ $\nu\xi\omicron\pi\rho\sigma$ $\tau\upsilon\phi\chi\psi\omega$

00-(000000 00.00-(/0120

5

0000000000 00%&0		000010000000)000 0*+0		(0000000000)0 0*+0		(0000000000)0 0*+0		'020) 0000 0340		'020 00 0000 0340	
0		.&-(/		.&-(/		.&-(/		.&-(/		.&-(/	
0000000000	00%000000	000000	000000	000000	000000	000000%	000000	000000	000000	000000	000000
000&00000	0000&0000	000000	000000	000000	000000	00%00&0	00%00&0	00%0000	00%0000	00%0000	00%0000
0000000000	0000000000	000000	000000	000000	000000	00%000000	00%0000	0000%00	0000%00	000000	000000
00%0000000	00%0000000	000000	000000	000000	000000	00%00&0%	00%00&0%	0000%00	0000%00	000000	000000
00%0000000	00%00%000000	000000	000000	000000	000000	00%00000	00%00000	000000	000000	000000	000000
00%0000000	00%0000000	00&00	00&00	00%00&0	00%00&0	0000&0	00&00	00&00	00&00	000000	000000
00%0000000	00%0000000	000000	000000	00%00&0	00%00&0	000000	000000	000000	000000	000000	000000
00%0000000	00%0000000	000000	000000	00%00&0	00%00&0	000000	000000	00%0000	00%0000	00%0000	00%0000
0000000000	00%0000000	00%00	00%00	00%0000	00%0000	00&00&00	000000	000000	000000	000000	000000
00%0000000	00%0000000	00000000	0000%0	00000000	0000%0	0000%0%	0000%0%	00&00	00&00	00%0000	00%0000
0000000000	00%0000000	000000	000000	00%0000%0	00%0000%0	000000%0	000000%0	000000	000000	00%0000	00%0000
0000000000	0000000000	000000	000000	00000000	00000000	00000000	00000000	00%00	00%00	000000	000000
0000000000	00%0000000	000000	000000	0000%00	0000%00	00&00%0	00%00%0	00%00%0	00%00%0	0000&0	0000&0
0000000000	00%0000000	0000&0	0000&0	00%00%00	00%00%00	00000000	00000000	000000	000000	000000	000000
0000000000	00%0000000	000000	000000	00%00%00	00%00%00	0000&00	0000&00	00%0000	00%0000	000000	000000
0000000000	0000000000	00000000	00000000	00000000	00000000	0000%00	0000%00	000000	000000	0000%00	0000%00
0000000000	00%0000000	000000	000000	00%00000	00%00000	000000%0	000000%0	00&00	00&00	00%0000	00%0000
00&0000000	0000000000	00000000	00000000	00&00&00	00&00&00	00000000	00000000	00000000	00000000	0000&0	0000&0
0000000000	00%0000000	000000	000000	00%0000%0	00%0000%0	000000%0	000000%0	000000	000000	000000	000000
00&0000000	0000000000	0000%0	0000%0	00%00000	00%00000	00000000	00000000	000000	000000	000000	000000



Performance Charts

□+,-,6748

□+,-,674

