



SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	.165	.185	4.19	4.70
f b	.016	.019	0.41	0.48
f b1	.016	.021	0.41	0.53
f b2	.016	.024	0.41	0.61
f D	.335	.375	8.51	9.40
f D1	.305	.335	7.75	8.51
f D2	.110	.160	2.79	4.06
e	.200 BSC		5.08 BSC	
e1	.100 BSC		2.54 BSC	
F	----	.040	----	1.02
k	.027	.034	0.69	0.86
k1	.027	.045	0.69	1.14
L	.500	.750	12.70	19.05
L1	----	.050	----	1.27
L2	.250	----	6.35	----
Q	.010	.045	0.25	1.14
α	45° BSC		45° BSC	
β	45° BSC		45° BSC	

NOTES:

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
2. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
3. ALL DIMENSIONS APPLY BOTH TO LEAD FREE (+) & LEADED (-) PKG. CODES.
4. DIMENSIONS ARE COMPLIANT TO MIL-STD-1835, A1.
5. PACKAGE CODE: G99-8
T99-8



TITLE:

PACKAGE OUTLINE, 8L TO-99

APPROVAL
EDEN CHEN
04/12/11

DOCUMENT CONTROL NO.
21-0022

REV. B 1/1

-DRAWING NOT TO SCALE-