



Symbol	CONTROL DIMENSIONS IN INCHES		ALTERNATIVE DIMENSIONS IN MILLIMETRES	
	MIN	MAX	MIN	MAX
A	0.053	0.069	1.35	1.75
A1	0.004	0.010	0.10	0.25
A2	0.049	0.059	1.25	1.50
D	0.189	0.197	4.80	5.00
ZD	0.009 REF.		0.23 REF.	
E	0.228	0.244	5.79	6.20
E1	0.150	0.157	3.81	3.99
L	0.016	0.050	0.41	1.27
e	0.025 BSC.		0.64 BSC.	
b	0.008	0.012	0.20	0.30
c	0.007	0.010	0.18	0.25
∅	0°	8°	0°	8°
h	0.010	0.020	0.25	0.50

Conforms to JEDEC MO-137AB Iss. A

Notes:

1. The chamfer on the body is optional. If it is not present, a visual index feature, e.g. a dot, must be located within the cross-hatched area.
2. Controlling dimensions are in inches.
3. Dimension D does not include mould flash, protrusion or gate burrs. These shall not exceed 0.006" per side.
4. Dimension E1 does not include inter-lead flash or protrusion. These shall not exceed 0.010" per side.
5. Dimension b does not include dambar protrusion/intrusion. Allowable dambar protrusion shall be 0.004" total in excess of b dimension.

ISSUE	1				DRAWN BY	DIMENSIONS IN		ZETEX p.l.c. FIELDS NEW ROAD, CHADDERTON, OLDHAM, OL9 8NP, U.K.	A3 DRAWING NUMBER
A.E.D.	8070				T.C.CROSS	INCHES			
A.C.N.	95922				APP. ENG.	APPROX IN MILLIMETRES		TITLE	TD/D 1108
DRN.	T.C.C								
DATE	9/12/98				DATE			16 LEADS QSOP ".150 (3.8mm) BODY WIDTH	
APP. ENG.					SCALE				
DATE						THIS DRAWING HAS A COMPUTER MASTERDISK No. TDD A3-4			