

DIMENSION	MIN	NOM	MAX	NOTE		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
				1	2									
A	0.025	0.110	0.115	DC	10.90	11.60	11.10	7.50	3.5	3.2	3.2	3.5	3.5	3.5
B	0.035	0.390	0.395	DF	12.60	12.50	12.60	7.50	3.5	3.5	3.5	3.5	3.5	3.5
C	0.10	0.10	0.30	DE	13.90	14.00	14.10	N/A	N/A	N/A	N/A	N/A	N/A	2.0
D	0.12	0.22	0.20											
E	0.02	0.10	0.20											
F	0.02	0.10	0.20											
G	0.02	0.10	0.15											
H	6.00	6.10	6.20											
I	0.65	0.85	0.95											
J	0.50	0.60	0.75											
K	0.50	0.60	0.75											
L	0.50	0.60	0.75											
M	0.50	0.60	0.75											
N	0.50	0.60	0.75											
O	0.50	0.60	0.75											
P	0.50	0.60	0.75											
Q	0.50	0.60	0.75											
R	0.50	0.60	0.75											

THIS TABLE FOR 0.65mm PITCH

† - DESIGNED BUT NOT TOOLED

DIMENSION	MIN	NOM	MAX	NOTE		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
				1	2									
A	0.025	0.110	0.115	DC	12.40	12.50	12.60	7.50	4.2	4.8	4.8	4.2	4.8	4.8
B	0.035	0.390	0.395	DF	13.90	14.00	14.10	7.50	4.2	4.8	4.8	4.2	4.8	4.8
C	0.10	0.10	0.27	DE	14.90	14.90	14.90	N/A	N/A	N/A	N/A	N/A	N/A	2.0
D	0.12	0.20	0.23											
E	0.02	0.08	0.20											
F	0.02	0.08	0.16											
G	0.02	0.08	0.16											
H	6.00	6.10	6.20											
I	0.65	0.85	0.95											
J	0.50	0.60	0.75											
K	0.50	0.60	0.75											
L	0.50	0.60	0.75											
M	0.50	0.60	0.75											
N	0.50	0.60	0.75											
O	0.50	0.60	0.75											
P	0.50	0.60	0.75											
Q	0.50	0.60	0.75											
R	0.50	0.60	0.75											

THIS TABLE FOR 0.50mm PITCH

DIMENSION	MIN	NOM	MAX	NOTE		MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX
				1	2									
A	0.025	0.110	0.115	DC	16.90	17.00	17.10	8.0	4.0	4.0	4.0	4.0	4.0	4.0
B	0.035	0.390	0.395	DF	17.00	17.00	17.10	8.0	4.0	4.0	4.0	4.0	4.0	4.0
C	0.10	0.10	0.23	DE	17.00	17.00	17.10	8.0	4.0	4.0	4.0	4.0	4.0	4.0
D	0.12	0.20	0.23											
E	0.02	0.08	0.20											
F	0.02	0.08	0.16											
G	0.02	0.08	0.16											
H	6.00	6.10	6.20											
I	0.65	0.85	0.95											
J	0.50	0.60	0.75											
K	0.50	0.60	0.75											
L	0.50	0.60	0.75											
M	0.50	0.60	0.75											
N	0.50	0.60	0.75											
O	0.50	0.60	0.75											
P	0.50	0.60	0.75											
Q	0.50	0.60	0.75											
R	0.50	0.60	0.75											

THIS TABLE FOR 0.40mm PITCH

- NOTES:**
1. DIE THICKNESS ALLOWABLE IS 0.279±0.0127 (0.110±0.005 INCHES)
 2. DIMENSIONING & TOLERANCES PER ASME: Y14.5M-1994.
 3. DATUM PLANE H LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXITS PLASTIC BODY AT BOTTOM OF PARTING LINE.
 4. DATUMS A-B AND D TO BE DETERMINED WHERE CENTERLINE BETWEEN LEADS EXITS PLASTIC BODY AT DATUM PLANE H.
 5. 'D' & 'E' ARE REFERENCE DATUMS AND DO NOT INCLUDE MOLD FLASH OR PROTRUSIONS. AND ARE MEASURED AT THE BOTTOM PARTING LINE. MOLD FLASH OR PROTRUSIONS SHALL NOT EXCEED 0.15mm ON D AND 0.25mm ON E PER SIDE.
 6. DIMENSION IS THE LENGTH OF TERMINAL FOR SOLDERING TO A SUBSTRATE.
 7. TERMINAL POSITIONS ARE SHOWN FOR REFERENCE ONLY.
 8. FORMED LEADS SHALL BE PLANAR WITH RESPECT TO ONE ANOTHER WITHIN 0.076mm AT SEATING PLANE.
 9. THE LEAD WIDTH DIMENSION DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08mm TOTAL IN EXCESS OF THE LEAD WIDTH DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. MINIMUM SPACE BETWEEN PROTRUSIONS AND AN ADJACENT LEAD TO BE 0.10mm FOR 0.65mm PITCH, 0.08mm FOR 0.50mm PITCH AND 0.07mm FOR 0.40mm PITCH PACKAGES.
 10. SEE DETAIL 'B' AND SECTION 'C-C' TO BE DETERMINED AT 0.10 TO 0.25 MM FROM THE LEAD TIP.
 11. CONTROLLING DIMENSION: MILLIMETERS.
 12. THIS PART IS COMPLIANT WITH JEDEC SPECIFICATION MD-153, VARIATIONS DB, DC, DE, ED, EE, AND FE.
 13. DIMENSIONS 'P' AND 'P1' ARE THERMALLY ENHANCED VARIATIONS. VALUES SHOWN ARE MAXIMUM SIZE OF EXPOSED PAD WITHIN LEAD COUNT AND BODY SIZE. END USER SHOULD VERIFY AVAILABLE SIZE OF EXPOSED PAD FOR SPECIFIC DEVICE APPLICATION.

ALL DIMENSIONS IN MILLIMETERS

SPECIAL NOTE:
THIS DRAWING AND INFORMATION HEREIN IS THE PROPERTY OF ANAV/AMCOR AND IS TO BE USED IN STRICT CONFIDENCE. THIS DRAWING SHALL NOT BE WRITTEN PERMISSION FROM ANAV/AMCOR.

TITLE	PACKAGE OUTLINE
SIZE	5.10mm BDDY, TSSOP, AA/VV
REV	04
SCALE	1:1
SHEET	2 OF 2
NO.	38119