

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	1/22/09	RJT
01	UPDATE TITLE	05/11/10	M.A
02	COMBINE POD & LAND PATTERN	2/6/14	J.H
03	UPDATE "e" DIMENSION	1/13/15	CM

NOTE:

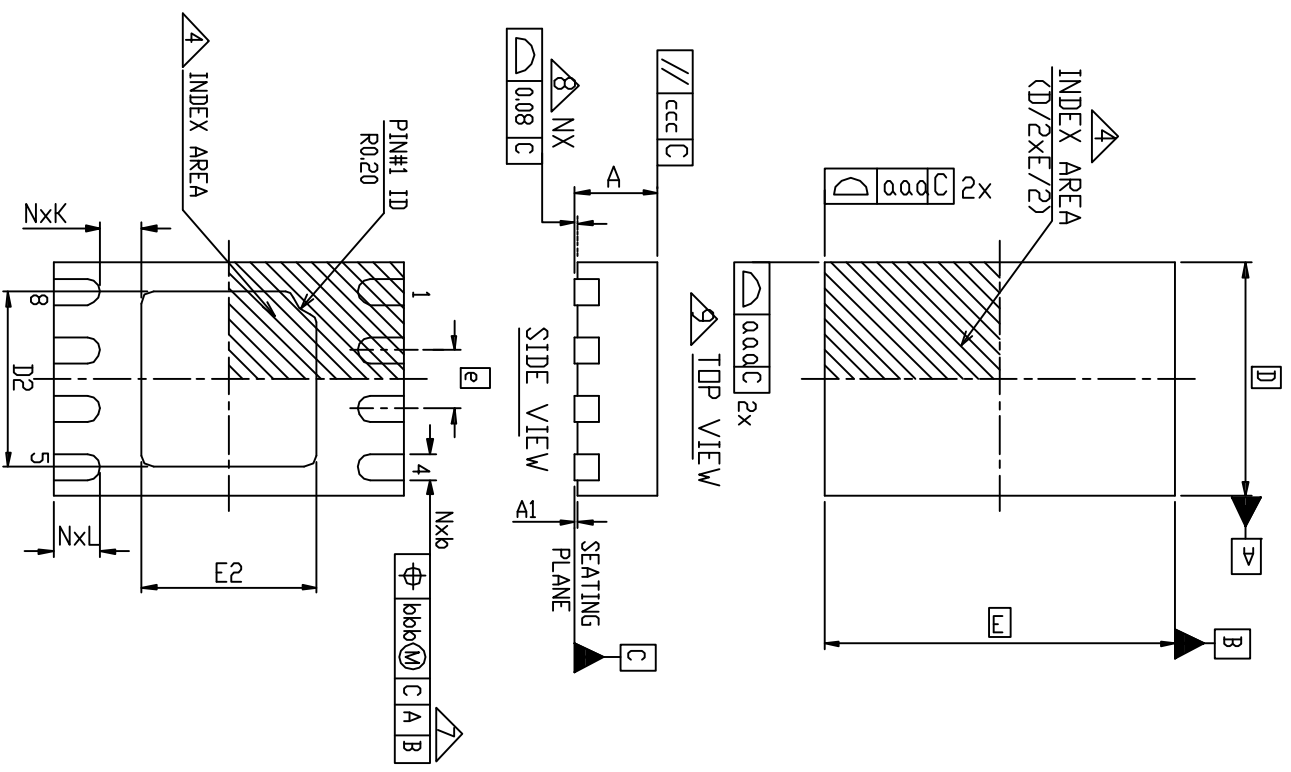
1. Dimensioning and tolerancing conform to ASME Y14.5M-1994.
2. All dimensions are in millimeters, angles are in degrees.
3. N is the total number of terminals.
4. The location of the terminal #1 identifier and terminal numbering convention conforms to JEDEC publication 95 SPP-002.


5. ND and NE refer to the number of terminals on each D and E side respectively
6. NJR refer to NDN JEDEC REGISTERED.

7. Dimension b applies to metallized terminal and is measured between 0.15mm and 0.30mm from the terminal tip. If the terminal has the optional radius on the other end of the terminal, the dimension b should not be measured in that radius area.

8. Coplanarity applies to the terminals and all other bottom surface metallization.

9. Drawing shown are for illustration only.



TOLERANCES UNLESS SPECIFIED DECIMAL ANGLULAR $\pm 1^\circ$		 IDT 6024 Silver Creek Valley Road San Jose CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-8591
APPROVALS DRAWN dgc CHECKED	DATE 1/22/09	
TITLE NR/NRG 8 PACKAGE OUTLINE 2.0 x 3.0 BODY, 0.90 THICK 0.50 mm PITCH VFGQFPN		SIZE C
DRAWING No. PSC-4243		REV 03
DO NOT SCALE DRAWING		SHEET 1 OF 3


TOLERANCE OF FORM AND POSITION	
aaa	0.10
bbb	0.10
ccc	0.10

COMMON DIMENSION			
SYMBOL	V = Very thin		
	MIN	NDM	MAX
A	0.80	0.90	1.00
A1	0.00	0.02	0.05
K	0.20	--	--
NOTES	1, 2	1, 2	1, 2

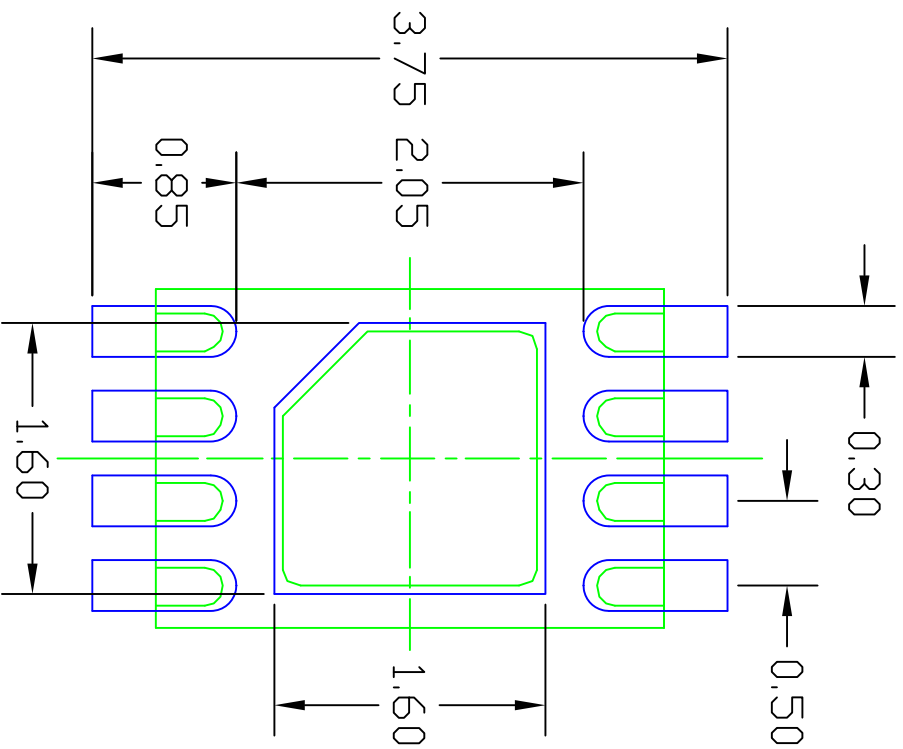
SUMMARY TABLE				
Lead Pitch (e)	Lead Count	Body Size	Thickness Variation	
0.50	8	2.00X3.00	VCED-2	VCED-2

Variation	VCED-2		Note
	MIN	MAX	
D BSC	2.00		
E BSC	3.00		
b	MIN	0.20	
	NDM	0.25	
	MAX	0.30	
D2	MIN	1.40	
	NDM	1.50	
	MAX	1.60	
E2	MIN	1.40	
	NDM	1.50	
	MAX	1.60	
L	MIN	0.35	
	NDM	0.40	
	MAX	0.45	
N	8		3
	4		5
ND	---		
NE			
DWG NO	B-2034		
REV	3		

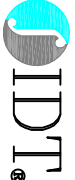
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TOLERANCES UNLESS SPECIFIED DECIMAL ANGULAR ±1°		 IDT 6024 Silver Creek Valley Road San Jose CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-8591
APPROVALS DRAWN <i>QADG</i> CHECKED	DATE 1/22/09	
TITLE NR/NRG 8 PACKAGE OUTLINE 2.0 x 3.0 BODY, 0.90 THICK 0.50 mm PITCH VFQFPN		WTW.IDT.COM SIZE C DRAWING No. PSC-4243
DO NOT SCALE DRAWING		SHEET 2 OF 3

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- NOTES:
1. ALL DIMENSION ARE IN mm. ANGLES IN DEGREES.
 2. TOP DOWN VIEW, AS VIEWED ON PCB.
 3. COMPONENT OUTLINE SHOW FOR REFERENCE IN GREEN.
 4. LAND PATTERN IN BLUE. NSMD PATTERN ASSUMED.
 5. LAND PATTERN RECOMMENDATION PER IPC-7351B GENERIC REQUIREMENT FOR SURFACE MOUNT DESIGN AND LAND PATTERN.

TOLERANCES UNLESS SPECIFIED DECIMAL X± ANGULAR ±1° XXX±		APPROVALS		DATE	1/22/09
DRAWN 064G		CHECKED			
TITLE NR/NRG 8 PACKAGE OUTLINE		SIZE		C	
2.0 x 3.0 BODY, 0.90 THICK		DRAWING No.		PSC-4243	REV
0.50 mm PITCH VFOFPN		DO NOT SCALE DRAWING			03
 6024 Silver Creek Valley Road San Jose CA 95138 PHONE: (408) 294-8200 FAX: (408) 294-8591 WWW.IDT.COM					SHEET 3 OF 3