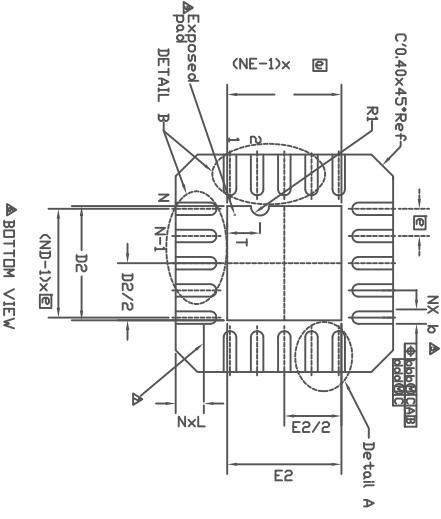
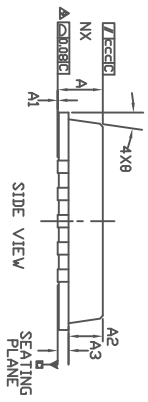
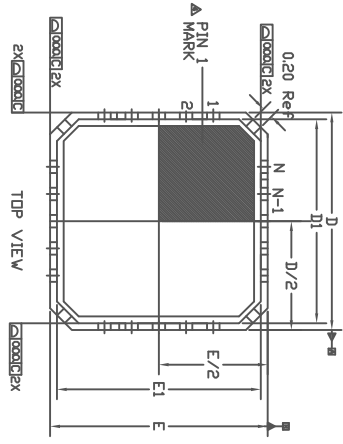



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	12/14/10	RC
01	COMBINE POD & LAND PATTERN	12/9/13	JH

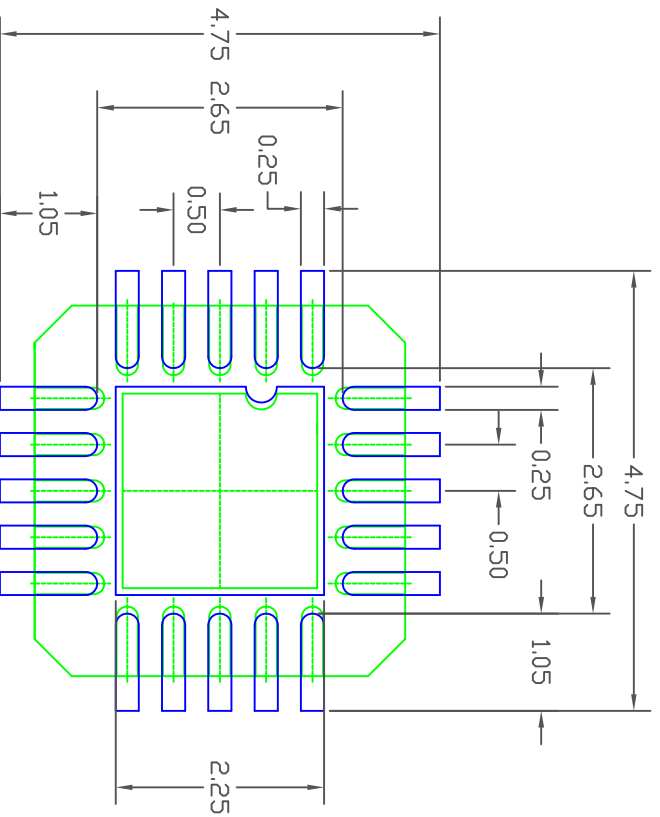


SYMBOL	DIMENSION		
	MIN	NOM	MAX
D2	1.95	2.10	2.25
E2	1.95	2.10	2.25
L	0.50	0.60	0.70
D	4.00 BSC		
E	4.00 BSC		
e	0.50 BSC		
A	0.80	0.83	0.90
A1	0.00	0.02	0.05
A2	0.58	0.63	0.68
A3 REF	0.20		
b	0.18	0.23	0.28
Ø	8°	10°	12°
ooo	0.15		
bbb	0.10		
ccc	0.10		
ddd	0.05		
NOTES	1,2,8		
N	20		
ND	5		
NE	5		
REF			
ISSUE			

- NOTES:
1. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994
 2. ALL DIMENSIONS ARE IN MILLIMETERS, ALL ANGLES ARE IN DEGREES.
 3. N IS THE TOTAL NUMBER OF TERMINALS.
- △ THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JESD 95-1 SPP-012. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE TERMINAL #1 IDENTIFIER MAY BE MOLDED, MARKED, OR METALIZED FEATURES.
 - △ DIMENSION b APPLY TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30 mm FROM TERMINAL TIP.
 - △ ND & NE REFER TO THE MAXIMUM NUMBER OF TERMINALS ON D AND E SIDE.
 - △ DEPOPULATION IS POSSIBLE IN A SYMMETRICAL FASHION.
 - △ FOR A COMPLETE SET OF DIMENSIONS FOR EACH VARIATION, SEE THE INDIVIDUAL VARIATION AND THE COMMON DIMENSIONS AND TOLERANCES.
 - △ COPLANARITY APPLIES TO THE EXPOSED HET SINK SLUG AS WELL AS THE TERMINALS.
 - △ WHEN MORE THAN ONE VARIATION (OPTION) EXIST FOR THE SAME PROFILE HEIGHT, BODY SIZE (D x E), AND THE PITCH, THEN THOSE VARIATIONS WILL BE DENOTED BY AN ADDITIONAL DASH NUMBER (E-1, -2, ETC.) DESIGNATOR TO IDENTIFY THEM. THE NEW VARIATIONS WOULD BE CREATED FROM ALL OR ANY OF THE FOLLOWING REASONS LEAD COUNTS, TERMINAL LENGTHS, AND OR TERMINAL PAD SIZES.
11. ALL SPECIFICATIONS COMPLY TO JEDEC MO-220.

TOLERANCES UNLESS SPECIFIED		 6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572 www.IDT.com
DECIMAL	ANGULAR	
XX± .05	±1°	
XXXX .030		
APPROVALS	DATE	TITLE
DRAWN <i>RAAG</i>	12/14/10	NP/NPG20 PACKAGE OUTLINE
CHECKED		4.0 x 4.0 mm BODY
		0.50 mm PITCH QFN
SIZE	DRAWING No.	REV
C	PSC-4206	01
DO NOT SCALE DRAWING		SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	12/14/10	RC
01	COMBINE POD & LAND PATTERN	12/9/13	JH



- 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 ANGULAR	
XX.X	.05	±1°	
XX.XX	.030		
APPROVALS	DATE	TITLE	SIZE
DRAWN <i>RAAG</i>	12/14/10	NP/NPG20 PACKAGE OUTLINE	C
CHECKED		4.0 x 4.0 mm BODY	
		0.50 mm PITCH QFN	
		DRAWING No.	REV
		PSC-4206	01
DO NOT SCALE DRAWING		SHEET 2 OF 2	



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PHONE: (408) 284-8200
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