

SYMBOL	PITCH VARIATION A			N _O T E	SYMBOL	PITCH VARIATION B			N _O T E	SYMBOL	PITCH VARIATION C			N _O T E	SYMBOL	PITCH VARIATION D			N _O T E
	MIN.	NOM.	MAX.			MIN.	NOM.	MAX.			MIN.	NOM.	MAX.			MIN.	NOM.	MAX.	
Ⓞ	0.80	BSC			Ⓞ	0.65	BSC			Ⓞ	0.50	BSC		Ⓞ	0.50	BSC			
N	28			3	N	32			3	N	44			N	48			3	
Nd	7			3	Nd	8			3	Nd	11			Nd	12			3	
Ne	7			3	Ne	8			3	Ne	11			Ne	12			3	
L	0.50	0.60	0.75		L	0.50	0.60	0.75		L	0.50	0.60	0.75		L	0.30	0.40	0.50	
b	0.28	0.33	0.40	4	b	0.23	0.28	0.35	4	b	0.18	0.23	0.30	4	b	0.18	0.23	0.30	4
D2	SEE EXPOSED PAD VARIATION: *				D2	SEE EXPOSED PAD VARIATION: D,F				D2	SEE EXPOSED PAD VARIATION: A,B,D,F				D2	SEE EXPOSED PAD VARIATION: C,F,G,H			
E2	SEE EXPOSED PAD VARIATION: *				E2	SEE EXPOSED PAD VARIATION: D,F				E2	SEE EXPOSED PAD VARIATION: A,B,D,F				E2	SEE EXPOSED PAD VARIATION: C,F,G,H			

* NOT DESIGNED YET
** DESIGNED BUT NOT TOOLED UP

SYMBOL	PITCH VARIATION E			N _O T E
	MIN.	NOM.	MAX.	
Ⓞ	0.40	BSC		
N	56			3
Nd	14			3
Ne	14			3
L	0.30	0.40	0.50	
b	0.15	0.20	0.25	4,12
D2	SEE EXPOSED PAD VARIATION: F			
E2	SEE EXPOSED PAD VARIATION: F			

<STANDARD>

SYMBOLS	D2			E2			NOTE
	MIN	NOM	MAX	MIN	NOM	MAX	
EXPOSED PAD VARIATIONS	A	3.20	3.30	3.40	3.20	3.30	3.40
	B	3.70	3.80	3.90	3.70	3.80	3.90
	C	4.00	4.10	4.20	4.00	4.10	4.20
	D	4.60	4.70	4.80	4.60	4.70	4.80
	E	4.80	4.90	5.00	4.80	4.90	5.00
	F	5.00	5.10	5.20	5.00	5.10	5.20
	G	5.20	5.30	5.40	5.20	5.30	5.40
	H	5.40	5.50	5.60	5.40	5.50	5.60

SYMBOL	COMMON DIMENSIONS			N _O T E
	MIN.	NOM.	MAX.	
A	0.80	0.85	0.90	
A1	0.00	0.01	0.05	10
A2	0.60	0.65	0.70	
A3	0.20 REF.			
D	7.00 BSC			
D1	6.75 BSC			
E	7.00 BSC			
E1	6.75 BSC			
θ	0	-	12°	
P	0.24	0.42	0.60	
Q	0.30	0.40	0.65	8,11
R	0.13	0.17	0.23	8,11

GENERAL ; NOMINAL EXPOSED PAD(D2/E2) DIMENSION = NOMINAL DIE ATTACH PAD DIMENSION-0.20

