

SYMBOL	PITCH VARIATION A			PITCH VARIATION B			PITCH VARIATION C			PITCH VARIATION D					
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.			
0	0.80	BSC			0.65	BSC		0.50	BSC		0.50	BSC			
28								4.4			4.8				
N															
Nd															
7															
Ng	0.50	0.60	0.75	L	0.50	0.60	0.75	L	0.30	0.40	0.50	3			
L	0.28	0.33	0.40	b	0.23	0.28	0.35	b	0.18	0.23	0.30	4			
b	0.30	0.40	0.65	12	Q	0.30	0.40	0.65	12	Q	0.00	0.20	0.45		
Q															
D2	SEE EXPOSED PAD VARIATION: C			D2	SEE EXPOSED PAD VARIATION: C,D			D2	SEE EXPOSED PAD VARIATION: A,B,C			D2	SEE EXPOSED PAD VARIATION: E		
E2	SEE EXPOSED PAD VARIATION: C			E2	SEE EXPOSED PAD VARIATION: C,D			E2	SEE EXPOSED PAD VARIATION: A,B,C			E2	SEE EXPOSED PAD VARIATION: E		
D2	SEE EXPOSED PAD VARIATION			D2	SEE EXPOSED PAD VARIATION			D2	SEE EXPOSED PAD VARIATION			D2	SEE EXPOSED PAD VARIATION: E		
E2	SEE EXPOSED PAD VARIATION			E2	SEE EXPOSED PAD VARIATION			E2	SEE EXPOSED PAD VARIATION			E2	SEE EXPOSED PAD VARIATION: E		
D3	SEE MIXED RING PAD VARIATION			D3	SEE MIXED RING PAD VARIATION			D3	SEE MIXED RING PAD VARIATION			D3	SEE MIXED RING PAD VARIATION: A		
E3	SEE MIXED RING PAD VARIATION			E3	SEE MIXED RING PAD VARIATION			E3	SEE MIXED RING PAD VARIATION			E3	SEE MIXED RING PAD VARIATION: A		

<STANDARD>

SYMBOLS	D2			E2			NOTE
	MIN	NOM	MAX	MIN	NOM	MAX	
EXPOSED PAD A	3.15	3.30	3.45	3.15	3.30	3.45	
B	3.65	3.80	3.95	3.65	3.80	3.95	
C	4.35	4.70	4.85	4.35	4.70	4.85	
D	4.75	4.90	5.05	4.75	4.90	5.05	
E	4.95	5.10	5.25	4.95	5.10	5.25	

EXAMPLE: WE CAN CALL VARIATION "BA" FOR 32 TERMINAL MLF2 WITH 3.30 mm X 3.30 mm NOMINAL EXPOSED PAD DIMENSION. THE FORMER ONE IN VARIATION IS FOR PITCH VARIATION AND THE LATER ONE IS FOR EXPOSED PAD VARIATION.

<MIXED RING>

SYMBOLS	D2			E2			
	MIN	NOM	MAX	MIN	NOM	MAX	
EXPOSED PAD VARIATIONS	E	3.85	4.00	4.15	3.85	4.00	4.15
SYMBOLS	D3			E3			
MIXED RING PAD VARIATIONS	A	5.15	5.30	5.45	5.15	5.30	5.45

EXAMPLE: WE CAN CALL VARIATION "DEA" FOR 32 TERMINAL MLF2 WITH 4.00 mm X 4.00 mm NOMINAL EXPOSED PAD DIMENSION, AND WITH 5.30 mm X 5.30 mm NOMINAL EXPOSED MIXED RING PAD DIMENSION. THE FORMER ONE IN VARIATION IS FOR PITCH VARIATION AND THE LATER ONES ARE FOR EXPOSED PAD AND MIXED RING PAD VARIATION.

SYMBOL	COMMON DIMENSIONS			H ₀ T _e
	MIN.	NOM.	MAX.	
A	0.85	0.90	0.95	
A1	0.00	0.01	0.05	11
A2	-	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	12°			
P	0.24	0.42	0.60	
R	0.13	0.17	0.23	12
K	0.20	0.30	0.40	
S	0.50	0.60	0.65	
J	0.60	1.00	1.50	

* NOT DESIGNED YET
 ** DESIGNED BUT NOT TOOLED UP
 *** APPLIES TO MIXED RING PAD DESIGN ONLY

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PACKAGE OUTLINE, MLF2, 7 X 7 mm BODY

445277

PRINTING IS SCALED TO FIT

DO NOT SCALE DRAWING

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