

SYMBOLS	PITCH VARIATION A			PITCH VARIATION B			PITCH VARIATION C			PITCH VARIATION D		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
ⓐ	0.80	BSC		0.65	BSC		0.50	BSC		0.50	BSC	
ⓑ	28			32			44			48		
ⓓ	7			8			11			12		
ⓔ	0.50	0.60	0.75	0.50	0.60	0.75	0.50	0.60	0.75	0.40	0.50	0.50
ⓕ	0.28	0.33	0.40	0.23	0.35	0.35	0.18	0.23	0.30	0.18	0.23	0.30
ⓖ	0.30	0.40	0.65	0.30	0.40	0.65	0.30	0.40	0.65	0.20	0.20	0.45
D2	SEE EXPOSED PAD VARIATION: C			SEE EXPOSED PAD VARIATION: C/D			SEE EXPOSED PAD VARIATION: A/B/C			SEE EXPOSED PAD VARIATION: E		
E2	SEE EXPOSED PAD VARIATION: C			SEE EXPOSED PAD VARIATION: C/D			SEE EXPOSED PAD VARIATION: A/B/C			SEE EXPOSED PAD VARIATION: E		
D3	SEE MIXED RING PAD VARIATION			SEE MIXED RING PAD VARIATION			SEE MIXED RING PAD VARIATION			SEE MIXED RING PAD VARIATION: A		
E3	SEE MIXED RING PAD VARIATION			SEE MIXED RING PAD VARIATION			SEE MIXED RING PAD VARIATION			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	
EXPOSED PAD B	3.65	3.80	3.95	3.65	3.80	3.95	
EXPOSED PAD C	4.55	4.70	4.85	4.55	4.70	4.85	
EXPOSED PAD D	4.75	4.90	5.05	4.75	4.90	5.05	
EXPOSED PAD 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 A	3.85	4.00	4.15	3.85	4.00	4.15
EXPOSED PAD E	3.85	4.00	4.15	3.85	4.00	4.15
SYMBOLS	D3			E3		
MIXED RING PAD A	5.15	5.30	5.45	5.15	5.30	5.45
MIXED RING PAD E	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.

SYMBOLS	COMMON DIMENSIONS			N ₀ T _e
	MIN.	NOM.	MAX.	
A	0.85	0.90	0.90	
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	0.24	0.42	0.60	12°
P	0.13	0.17	0.23	12
R	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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 45277
 PRINTING IS SCALED TO FIT
 DO NOT SCALE DRAWING
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