



—DRAWING NOT TO SCALE—



TITLE:  
PACKAGE OUTLINE,  
36, 40, 48L THIN QFN, 6x6x0.75mm

APPROVAL	DOCUMENT CONTROL NO. 21-0141	REV. P	1/2
----------	---------------------------------	-----------	-----

COMMON DIMENSIONS									
PKG.	36L 6x6			40L 6x6			48L 6x6		
SYMBOL	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	0.70	0.75	0.80	0.70	0.75	0.80	0.70	0.75	0.80
A1	0	0.02	0.05	0	0.02	0.05	0	—	0.05
A3	0.20 REF.			0.20 REF.			0.20 REF.		
b	0.20	0.25	0.30	0.20	0.25	0.30	0.15	0.20	0.25
D	5.90	6.00	6.10	5.90	6.00	6.10	5.90	6.00	6.10
E	5.90	6.00	6.10	5.90	6.00	6.10	5.90	6.00	6.10
e	0.50 BSC.			0.50 BSC.			0.40 BSC.		
k	0.25	—	—	0.25	—	—	0.25	—	—
L	0.35	0.50	0.65	0.30	0.40	0.50	0.30	0.40	0.50
N	36			40			48		
ND	9			10			12		
NE	9			10			12		
JEDEC	WJJD-1			WJJD-2			—		

EXPOSED PAD VARIATIONS						
PKG. CODES	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T3666-2	3.60	3.70	3.80	3.60	3.70	3.80
T3666-3	3.60	3.70	3.80	3.60	3.70	3.80
T3666-3C	3.60	3.70	3.80	3.60	3.70	3.80
T3666N-1	3.60	3.70	3.80	3.60	3.70	3.80
T3666MN-1	3.60	3.70	3.80	3.60	3.70	3.80
T4066-2	4.00	4.10	4.20	4.00	4.10	4.20
T4066-3	4.00	4.10	4.20	4.00	4.10	4.20
T4066-5	4.00	4.10	4.20	4.00	4.10	4.20
T4066MN-5	4.00	4.10	4.20	4.00	4.10	4.20
T4066M-5	4.00	4.10	4.20	4.00	4.10	4.20
T4866-1	4.40	4.50	4.60	4.40	4.50	4.60
T4866-1C	4.40	4.50	4.60	4.40	4.50	4.60
T4866N-1	4.40	4.50	4.60	4.40	4.50	4.60
T4866-2	4.40	4.50	4.60	4.40	4.50	4.60
T4866MK-2	4.40	4.50	4.60	4.40	4.50	4.60

# NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES IN DEGREES UNLESS OTHERWISE SPECIFIED
- DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
- MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
- 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 EITHER A MOLD OR MARKED FEATURE.
- DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25mm AND 0.30mm FROM TERMINAL TIP.
- ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
- COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
- DRAWING CONFORMS TO JEDEC MO220, EXCEPT FOR 0.4mm LEAD PITCH; PACKAGE T4866.
- APPLICABLE ONLY FOR PACKAGES WITH TIGHT CORNER LEADS METAL TO METAL CLEARANCE
- N IS THE TOTAL NUMBER OF TERMINALS.
- WARPAGE SHALL NOT EXCEED 0.10mm.
- MARKING IS FOR PACKAGE ORIENTATION PURPOSE ONLY.
- NUMBER OF LEADS SHOWN FOR REFERENCE ONLY.
- ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

-DRAWING NOT TO SCALE-

CORNER LEAD CHAMFER VARIATION		
PKG. CODES	C	L4
T4066-2	0.12 X 45° REF	0.31 REF
T4066-3	0.12 X 45° REF	0.31 REF
T4066-5	0.12 X 45° REF	0.31 REF
T4066M-5	0.12 X 45° REF	0.31 REF
T4066MN-5	0.12 X 45° REF	0.31 REF



TITLE:  
PACKAGE OUTLINE,  
36, 40, 48L THIN QFN, 6x6x0.75mm

APPROVAL	DOCUMENT CONTROL NO. 21-0141	REV. P	2/2
----------	---------------------------------	-----------	-----