

DIM	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	0.80	-	0.90	.031	-	.035
A1	0.00	-	0.05	.000	-	.002
A2	0.55	0.65	0.80	.022	.026	.031
A3	0.20 REF			0.20 REF		
b	0.18	0.25	0.30	.007	.010	.012
D	7.00 BSC			.276 BSC		
D1	6.75 BSC			.266 BSC		
E	7.00 BSC			.276 BSC		
E1	6.75 BSC			.266 BSC		
e	0.50 BSC			.020 BSC		
k	0.20	-	-	.008	-	-
L	0.30	0.40	0.50	.012	.016	.020
L1	0.00	-	0.15	.000	-	.006
L2	-	-	0.13	-	-	.005
N	48			48		
ND	12			12		
NE	12			12		
P	-	-	0.60	-	-	.024
R	0.09	-	-	.004	-	-
q	0°	-	14°	0°	-	14°

EXPOSED PAD D2/E2	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
G4877+2	5.40	5.50	5.60	.212	.216	.220
G4877+3	4.00	4.10	4.20	.157	.161	.165
G4877+4	5.00	5.10	5.20	.197	.201	.205

NOTES:

- DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M-2009.
- PACKAGE IS JEDEC MO-220 COMPLIANT.
- N IS THE NUMBER OF TERMINALS, ND AND NE ARE THE NUMBER OF TERMINALS PER SIDE.
- DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.20 AND 0.25mm FROM TERMINAL TIP.
- COPLANARITY APPLIES TO BOTH TERMINALS AND HEAT SINK.
- L1 IS THE PULLBACK OF THE TERMINAL METAL FROM THE PLASTIC BODY EDGE AND L2 IS THE TERMINAL METAL LENGTH PROTRUDING FROM THE PLASTIC BODY EDGE.
- MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
- MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
- ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODES.
- PACKAGE CODES: G4877+2, G4877+3, G4877+4.



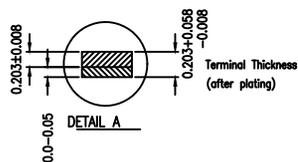
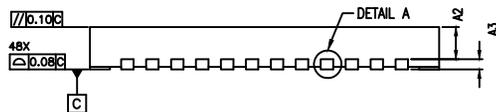
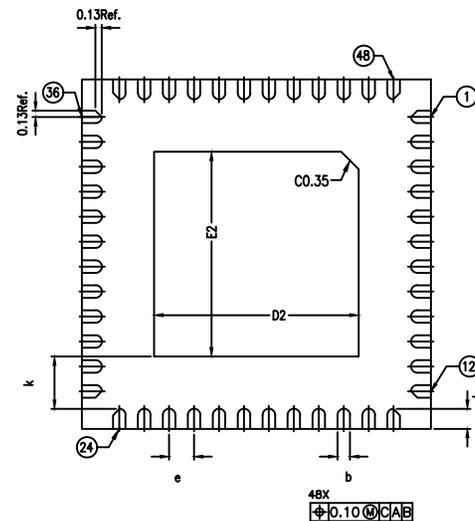
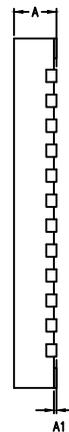
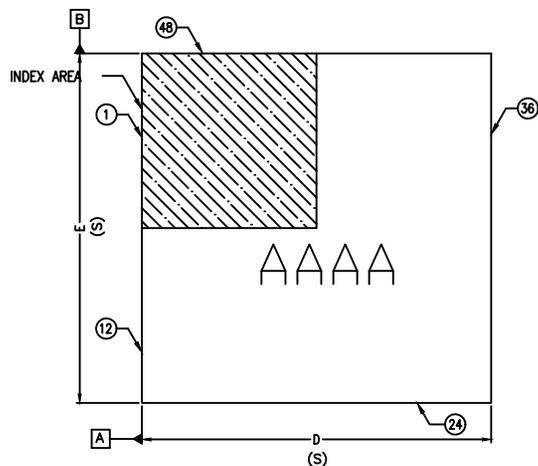
TITLE:  
PACKAGE OUTLINE, 48L PUNCH QFN  
7.0x7.0x0.85mm

APPROVAL  
ZHEN LI

DOCUMENT CONTROL NO.  
21-1024

REV. 1  
B 1/2

-DRAWING NOT TO SCALE-



PKG REF	DIMENSIONS		
	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	0.00	-	0.05
A2	-	0.65	-
A3	0.203 REF		
b	0.20	0.25	0.30
D	6.90	7.00	7.10
E	6.90	7.00	7.10
e	0.5 BSC		
k	1.05 REF		
L	0.30	0.40	0.50
N	48		

EXPOSED PAD D2/E2	MILLIMETERS			INCHES		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
G4877+2	5.40	5.50	5.60	.212	.216	.220
G4877+3	4.00	4.10	4.20	.157	.161	.165
G4877+4	5.00	5.10	5.20	.197	.201	.205

NOTE :

1. ALL DIMENSIONS ARE IN mm. ANGLES IN DEGREES.
2. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS. COPLANARITY SHALL NOT EXCEED 0.08 mm.
3. WARPAGE SHALL NOT EXCEED 0.10 mm.
4. PACKAGE LENGTH / PACKAGE WIDTH ARE CONSIDERED AS SPECIAL CHARACTERISTIC. (S)
5. REFER JEDEC MO-220.

-DRAWING NOT TO SCALE-



TITLE:  
PACKAGE OUTLINE, 48L PUNCH QFN  
7.0x7.0x0.85mm

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REV. B 2/2