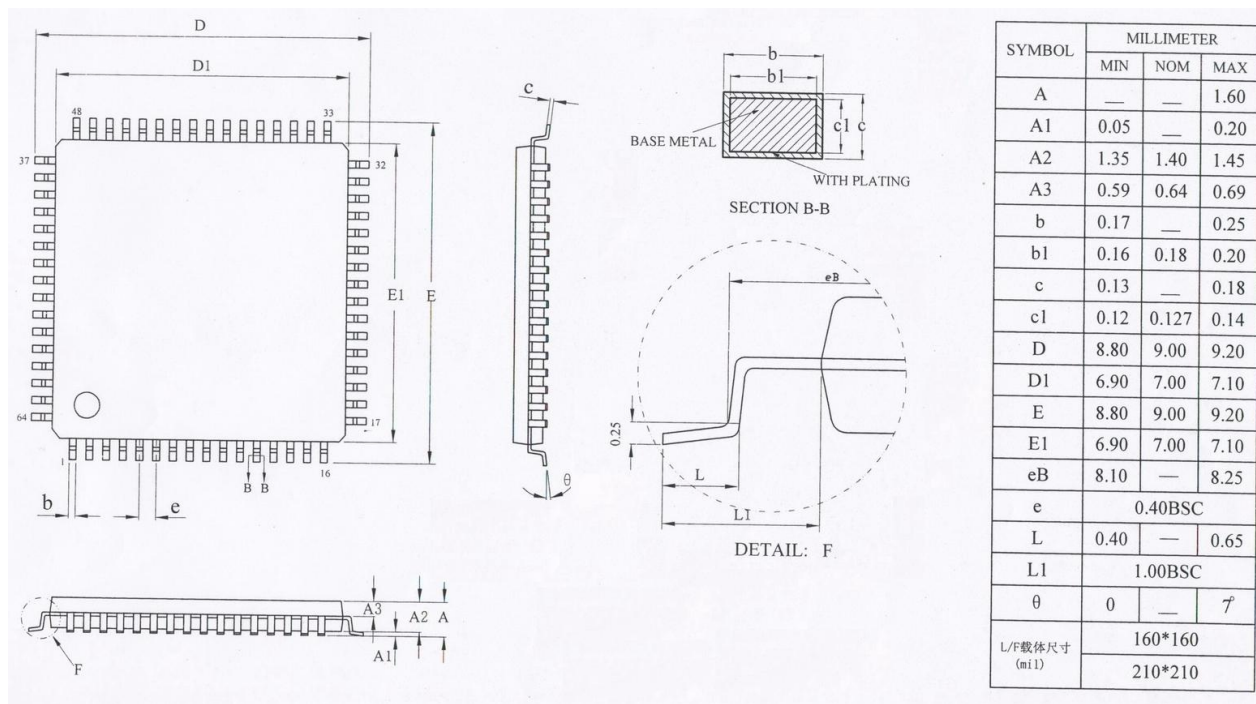


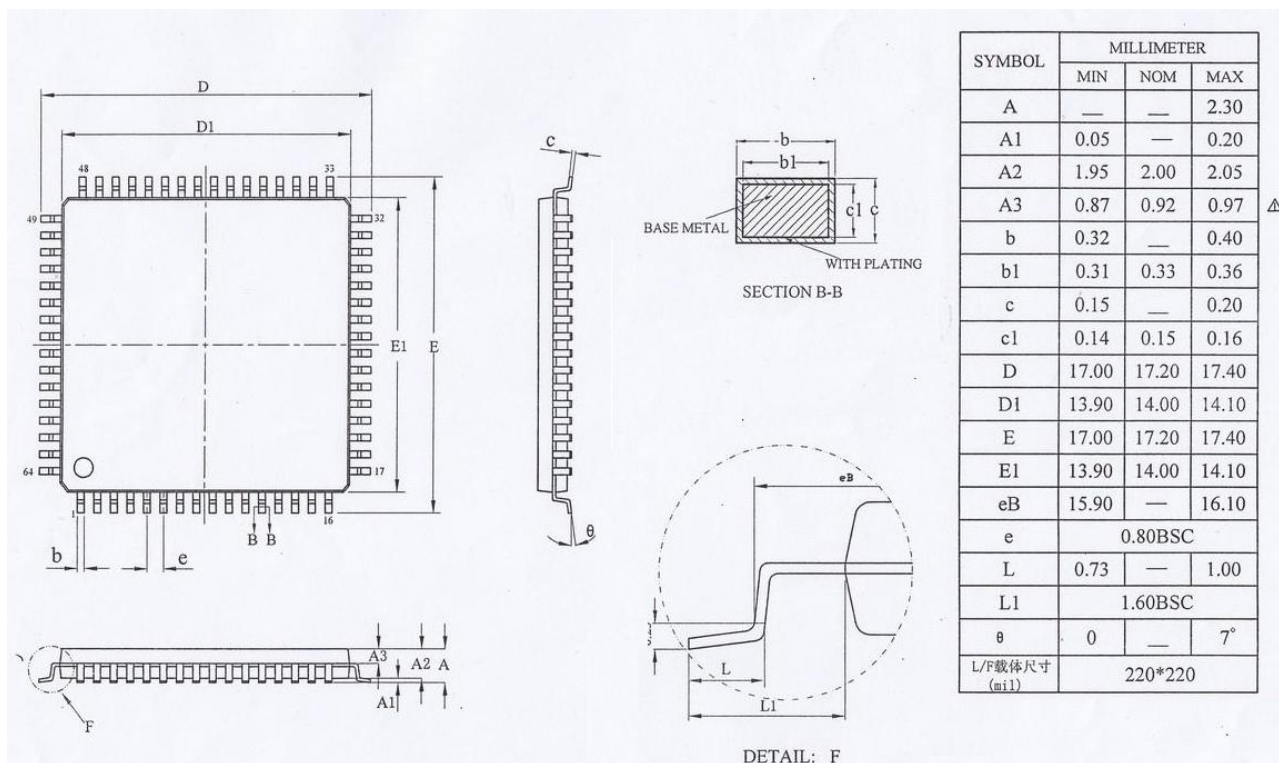
# NV32 系列 MCU 封装尺寸图

V1.0

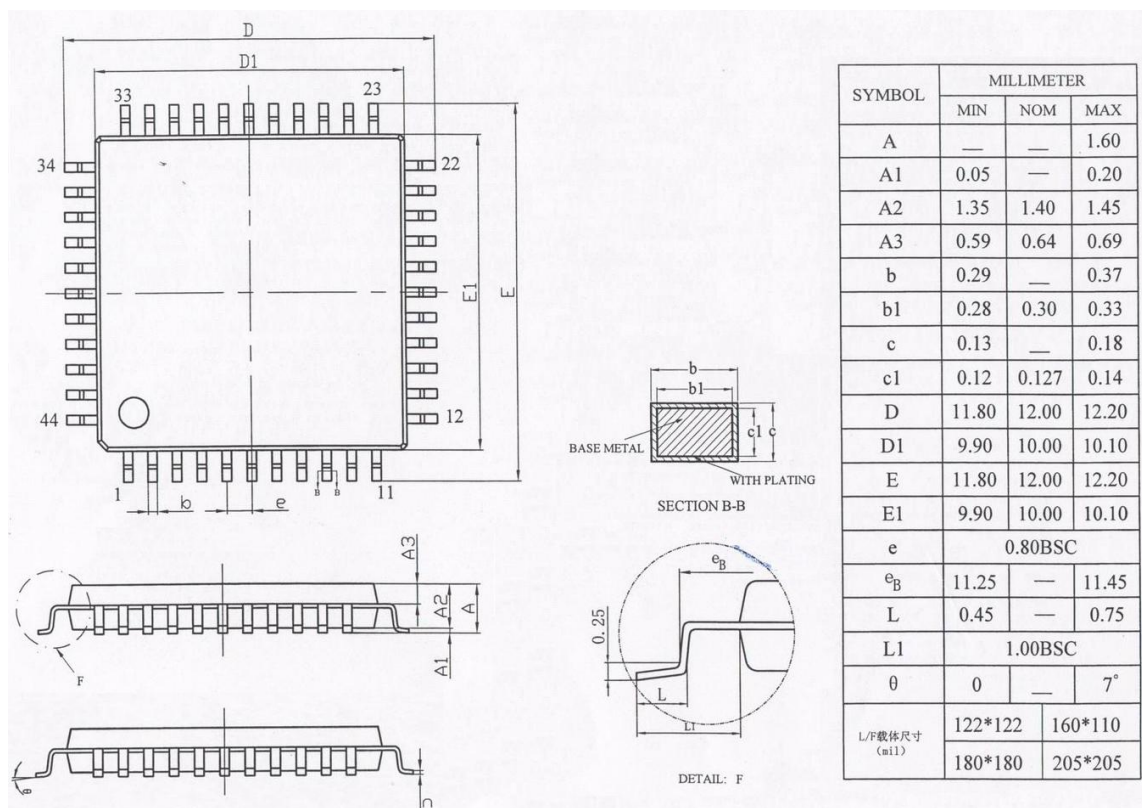
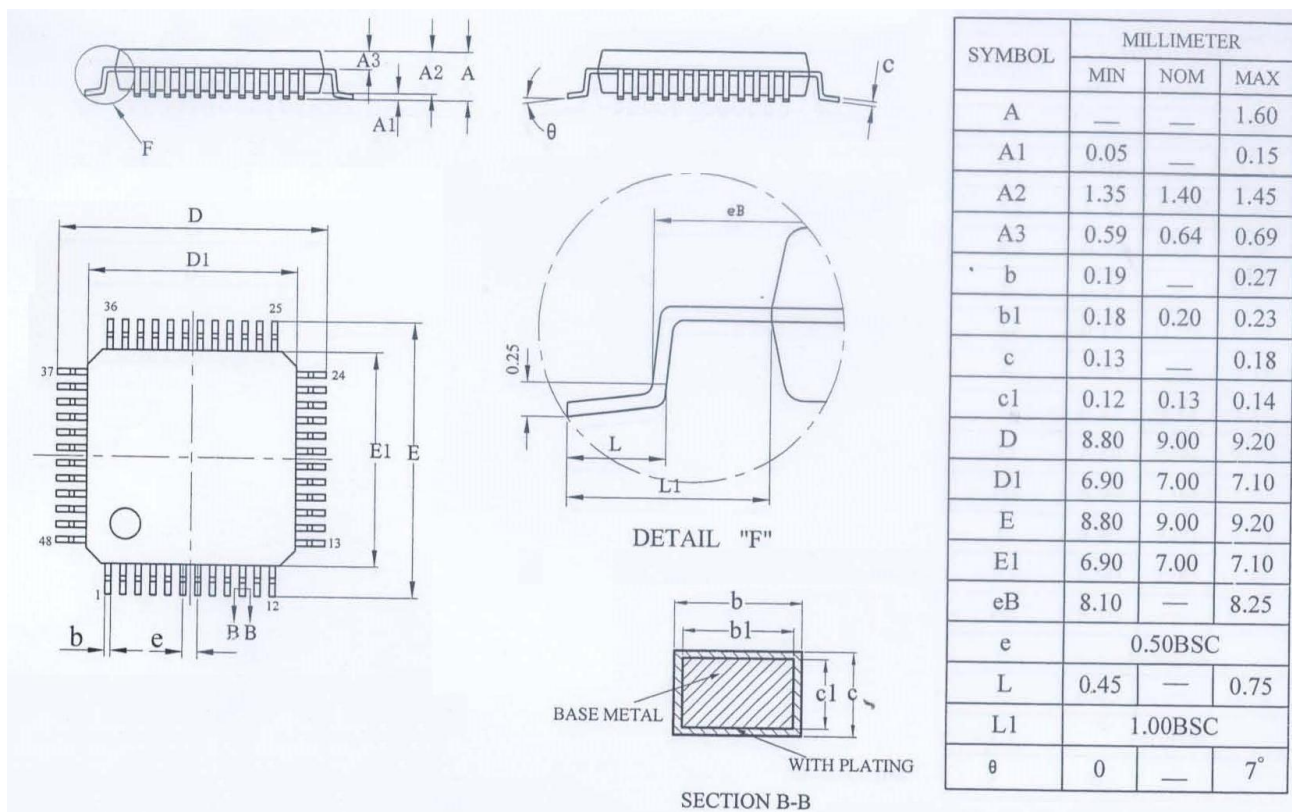
## LQFP64



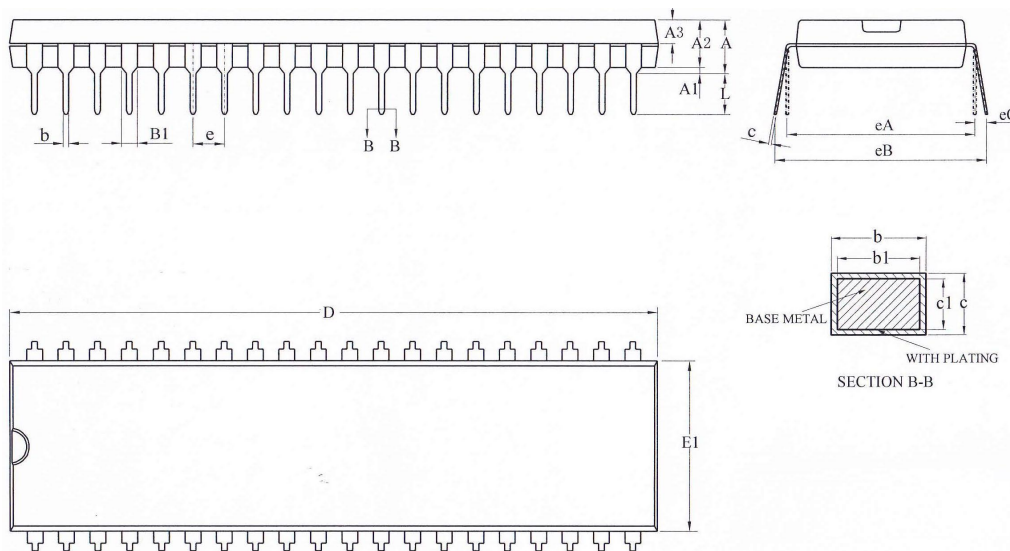
## PQFP64



- LQFP44

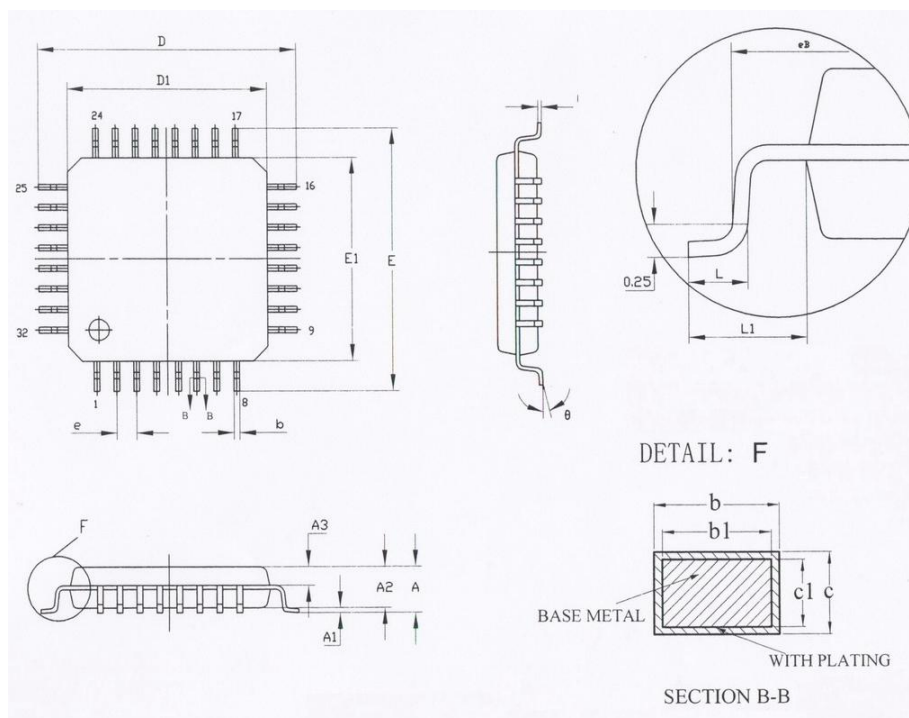


## ● PDIP40



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	4.16	4.36	4.56
A1	0.51	—	—
A2	3.75	3.85	3.95
A3	1.74	1.79	1.84
b	0.44	—	0.52
b1	0.43	0.46	0.49
B1	1.27REF		
c	0.25	—	0.29
c1	0.24	0.25	0.26
D	52.15	52.25	52.35
E1	13.70	13.80	13.90
e	2.54BSC		
eA	15.24REF		
eB	15.24	—	17.00
eC	0	—	0.88
L	3.30	—	—

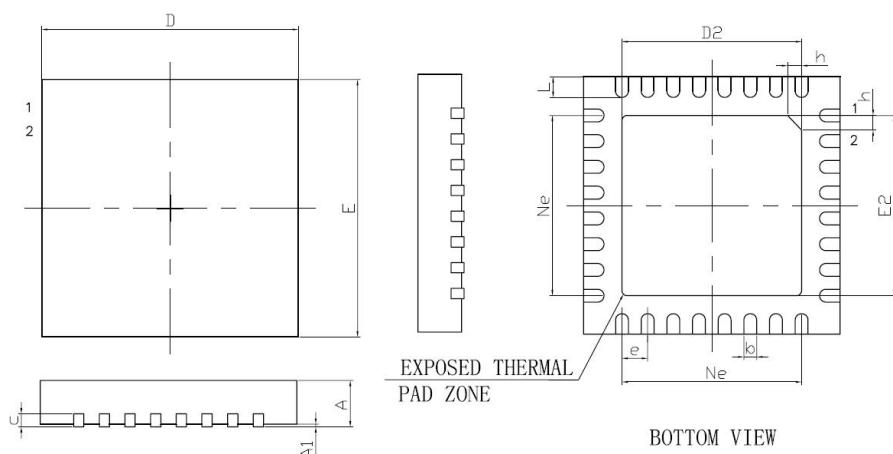
## ● LQFP32



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.60
A1	0.05	—	0.20
A2	1.35	1.40	1.45
A3	0.59	0.64	0.69
b	0.32	—	0.43
b1	0.31	0.35	0.39
c	0.13	—	0.18
c1	0.12	0.13	0.14
D	8.80	9.00	9.20
D1	6.90	7.00	7.10
E	8.80	9.00	9.20
E1	6.90	7.00	7.10
eB	8.10	—	8.25
e	0.80BSC		
L	0.40	—	0.65
L1	1.00BSC		
$\theta$	0°	—	7°
L/F载体尺寸 (mil)	150*150		
	205*205		

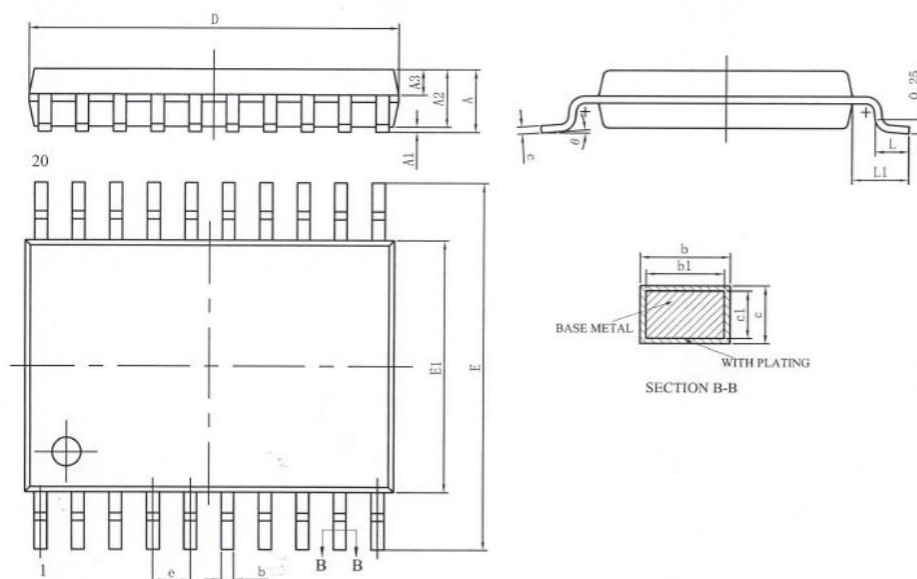


# ● QFNP32



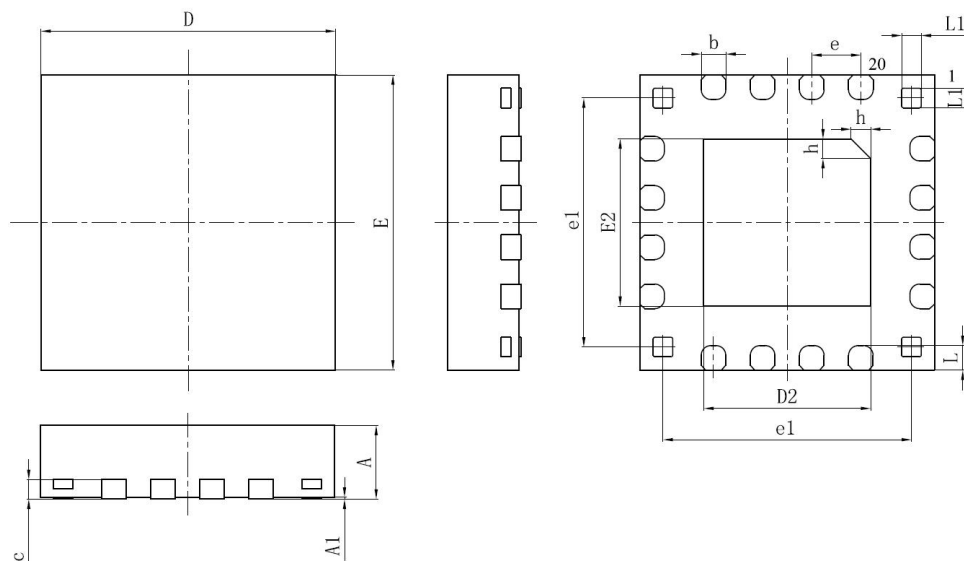
SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	0.70	0.75	0.80
A1	—	0.02	0.05
b	0.18	0.25	0.30
c	0.18	0.20	0.25
D	4.90	5.00	5.10
D2	3.40	3.50	3.60
e	0.50BSC		
Ne	3.50BSC		
E	4.90	5.00	5.10
E2	3.40	3.50	3.60
L	0.35	0.40	0.45
h	0.30	0.35	0.40
L/F载体尺寸	150x150		130x130

# ● TSSOP20



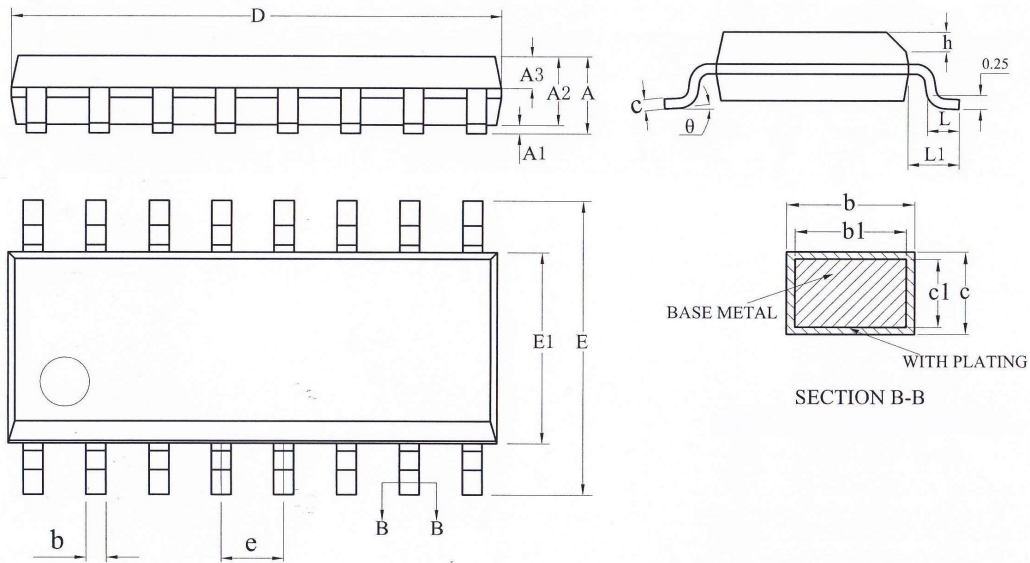
SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.20
A1	0.05	—	0.15
A2	0.80	1.00	1.05
A3	0.39	0.44	0.49
b	0.20	—	0.29
b1	0.19	0.22	0.25
c	0.13	—	0.18
c1	0.12	0.13	0.14
D	6.40	6.50	6.60
E1	4.30	4.40	4.50
E	6.20	6.40	6.60
e	0.65BSC		
L	0.45	0.60	0.75
L1	1.00BSC		
θ	0	—	8°

# ● QFN20



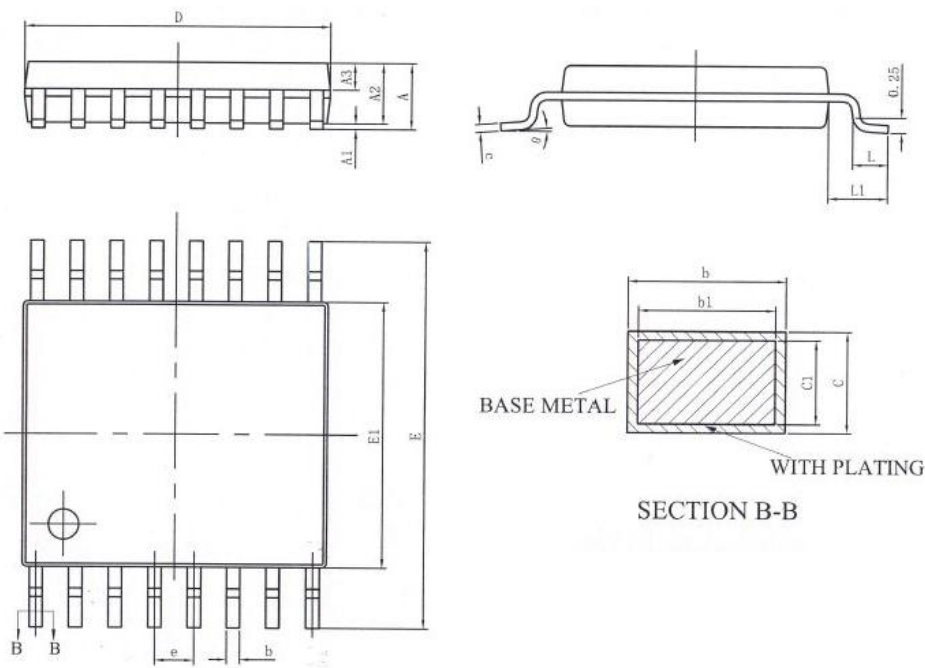
SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	0.70	0.75	0.80
A1	—	0.02	0.05
b	0.15	0.25	0.35
c	0.18	0.20	0.25
D	2.90	3.00	3.10
D2	1.60	1.70	1.80
e	0.50BSC		
e1	2.53BSC		
E	2.90	3.00	3.10
E2	1.60	1.70	1.80
L	0.15	0.25	0.35
L1	0.15	0.20	0.25
h	0.10	0.20	0.30
L/F载体尺寸 (M1)	87x87		

● SOP16



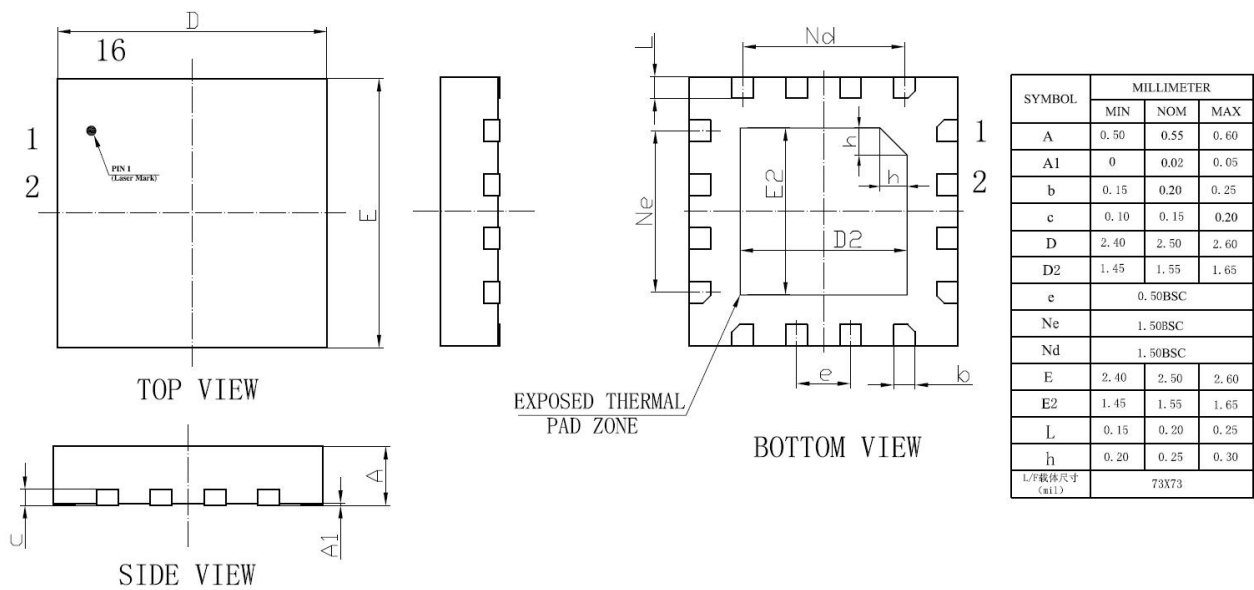
SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.75
A1	0.10	—	0.225
A2	1.30	1.40	1.50
A3	0.60	0.65	0.70
b	0.39	—	0.47
b1	0.38	0.41	0.44
c	0.20	—	0.24
c1	0.19	0.20	0.21
D	9.80	9.90	10.00
E	5.80	6.00	6.20
E1	3.80	3.90	4.00
e	1.27BSC		
h	0.25	—	0.50
L	0.50	—	0.80
L1	1.05REF		
$\theta$	0	—	8°

● TSSOP16



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.20
A1	0.05	—	0.15
A2	0.90	1.00	1.05
A3	0.39	0.44	0.49
b	0.20	—	0.29
b1	0.19	0.22	0.25
c	0.13	—	0.18
c1	0.12	0.13	0.14
D	4.86	4.96	5.06
E	6.20	6.40	6.60
E1	4.30	4.40	4.50
e	0.65BSC		
L	0.45	0.60	0.75
L1	1.00BSC		
$\theta$	0	—	8°

● **QFN16**



● **SOP8**

