

## CH 系列 IC 常用封装尺寸

版本: 3D

<http://wch.cn>

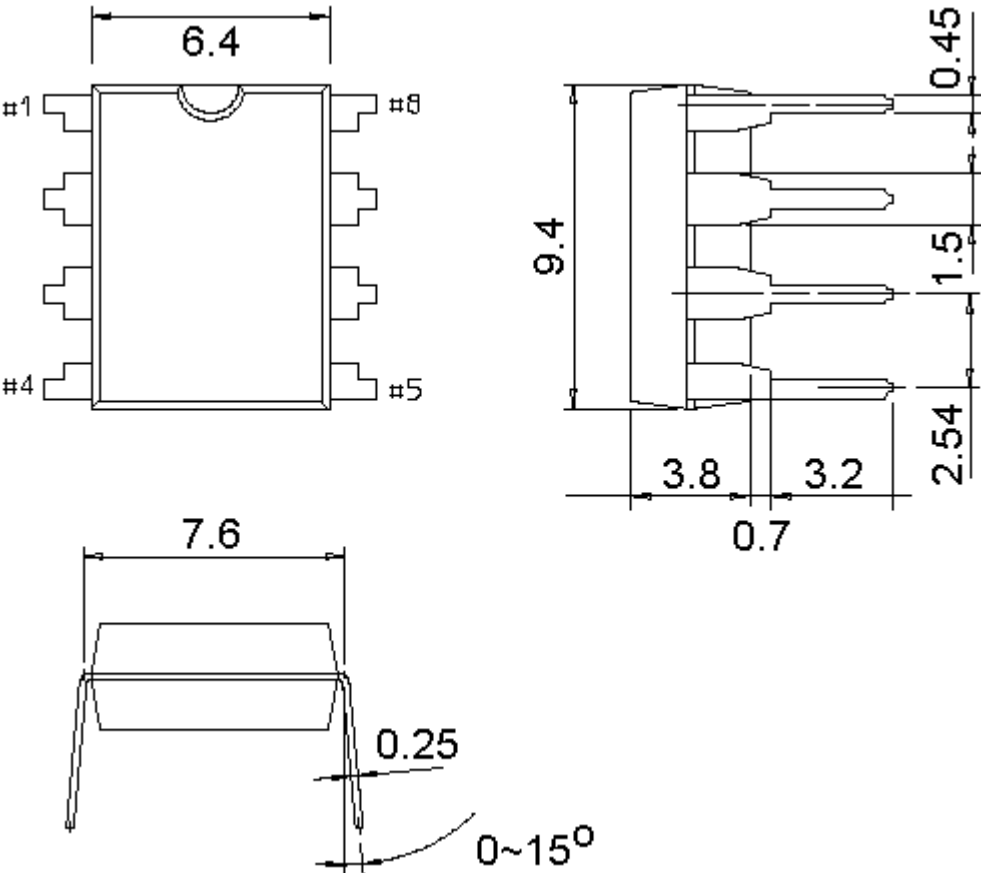
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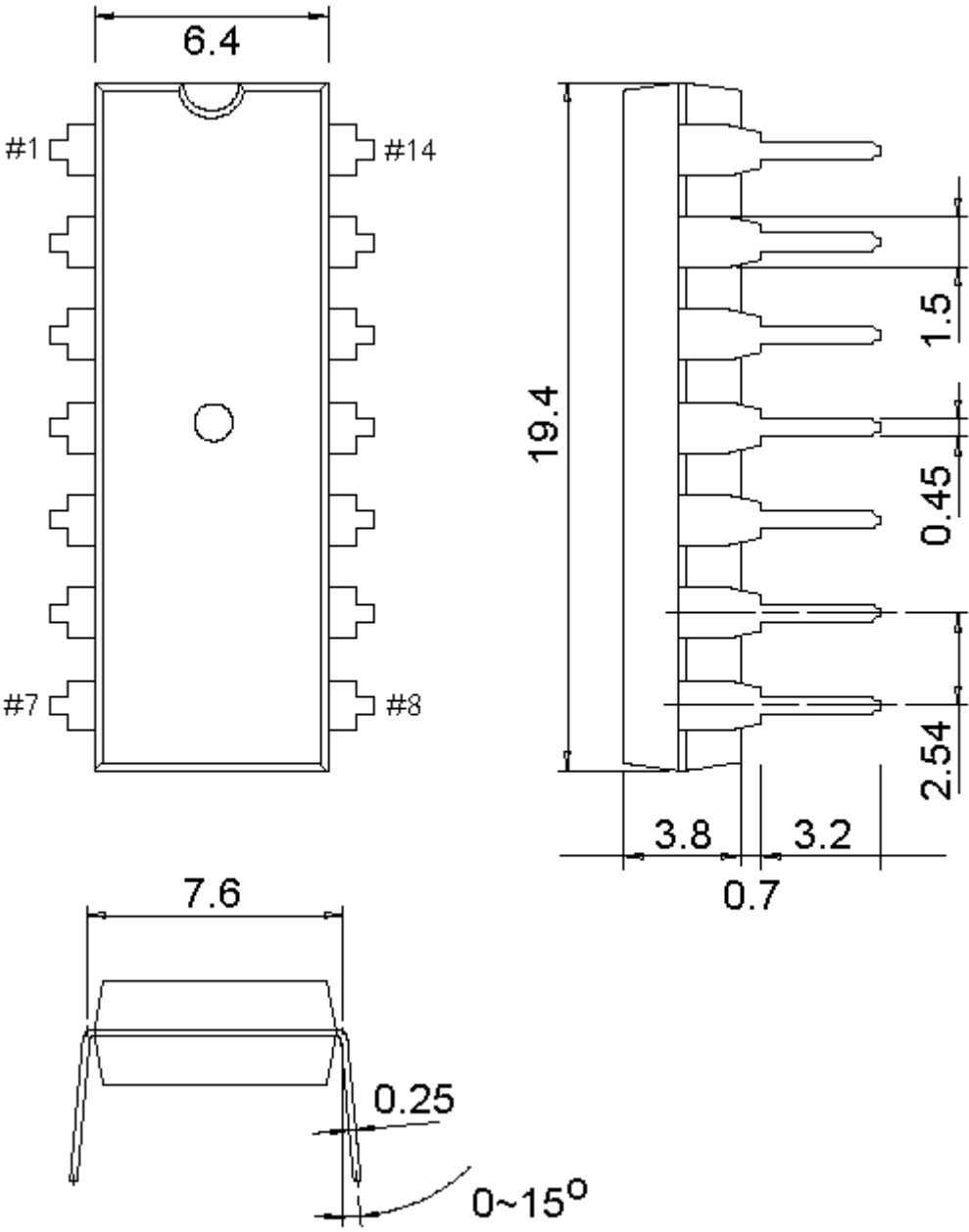
说明：所有尺寸标注的单位都是 mm（毫米），  
 引脚中心间距总是标称值，没有误差；  
 除此之外的尺寸误差不大于±0.2mm 或者±10%两者中的较大值。

DIP 类 (PDIP)

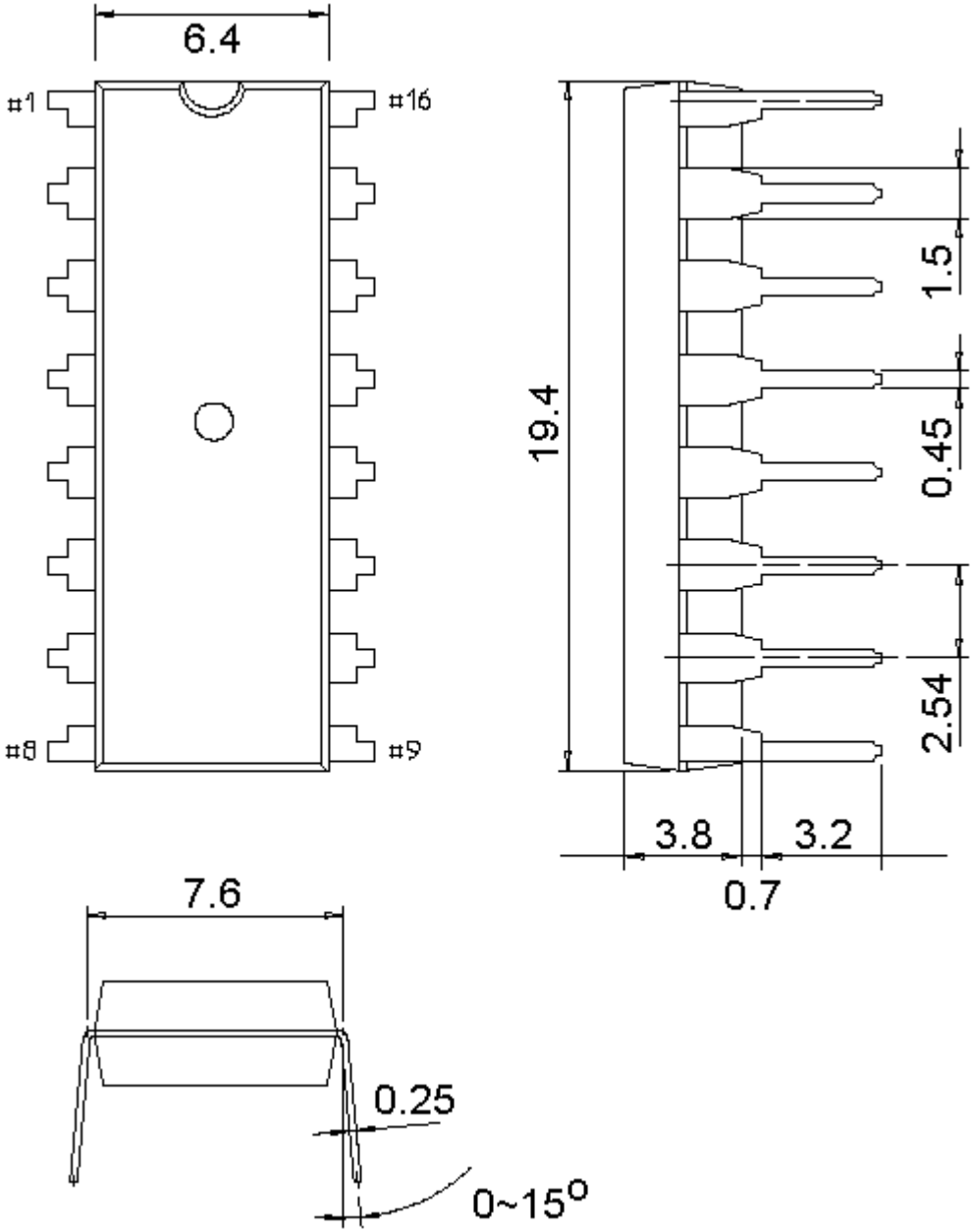
DIP8



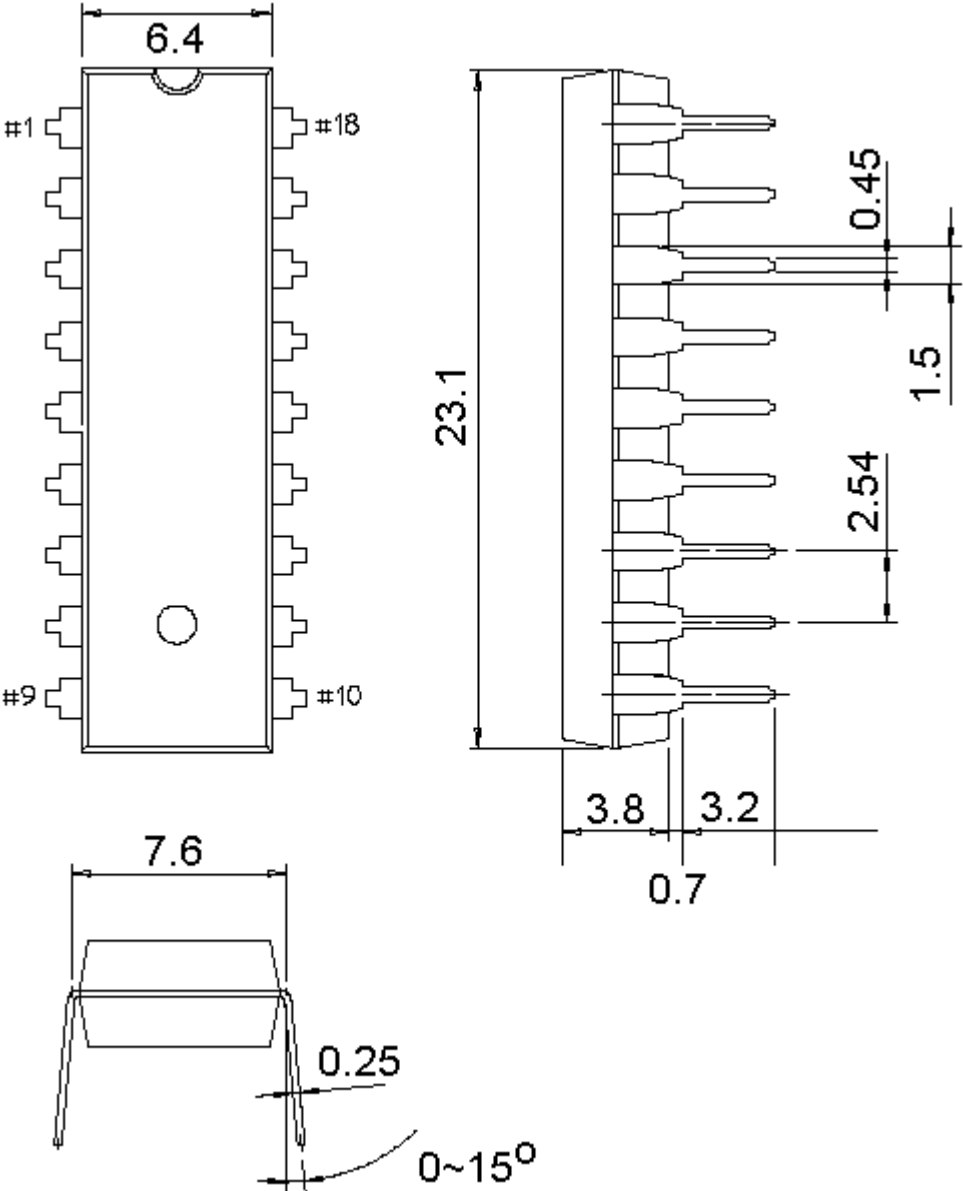
DIP14



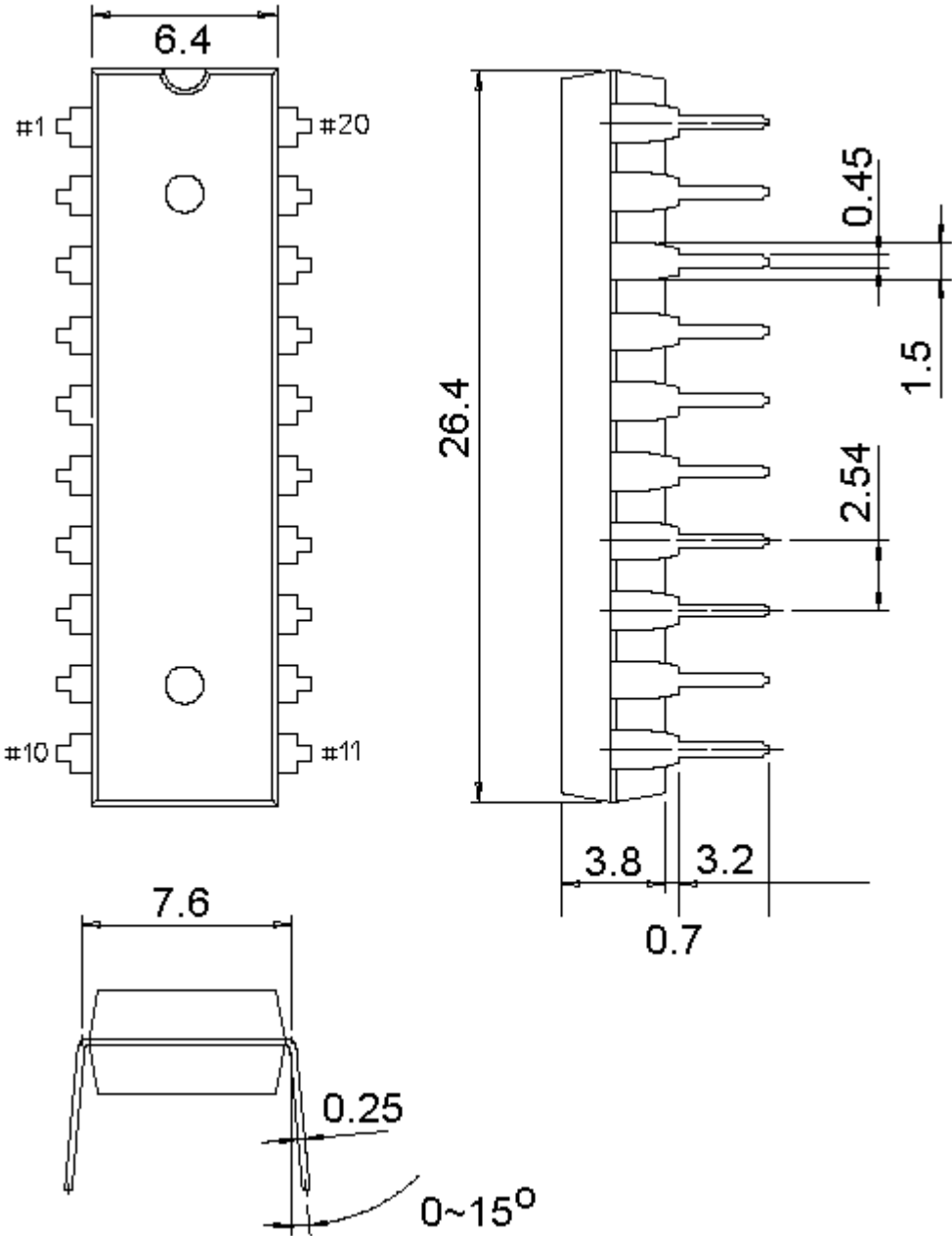
DIP16



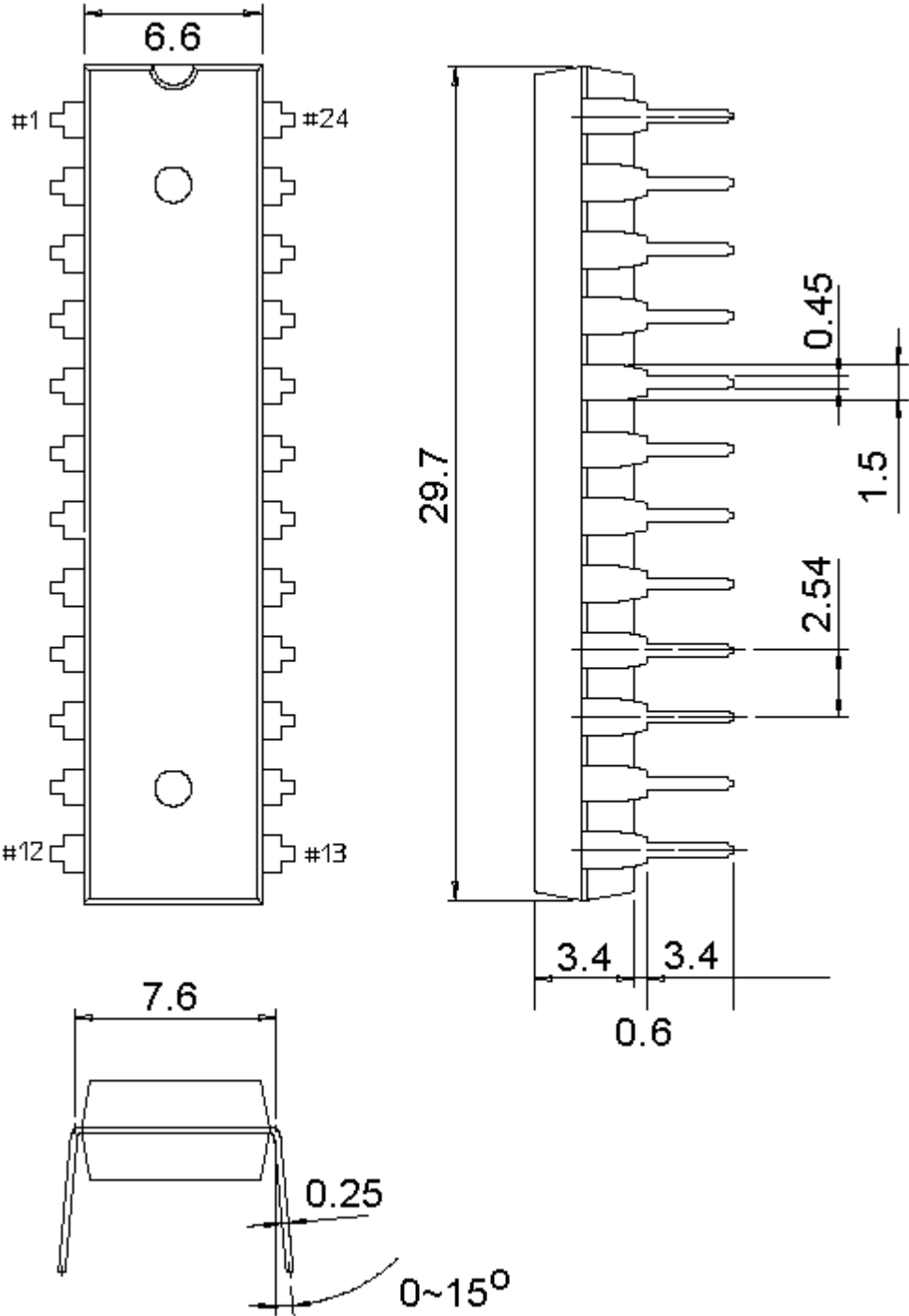
DIP18



DIP20

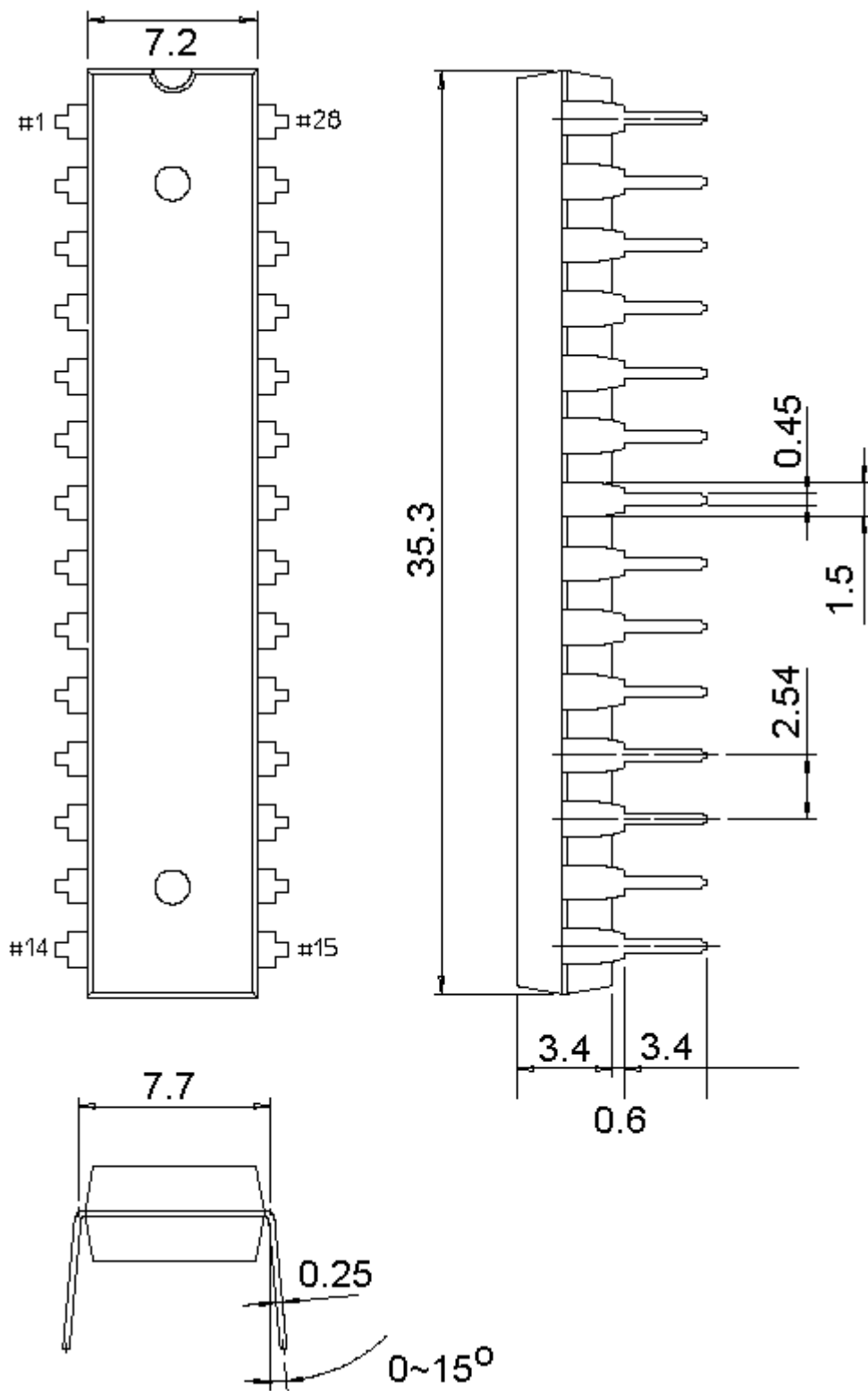


DIP24S (SKDIP24、DIP24-300mil)

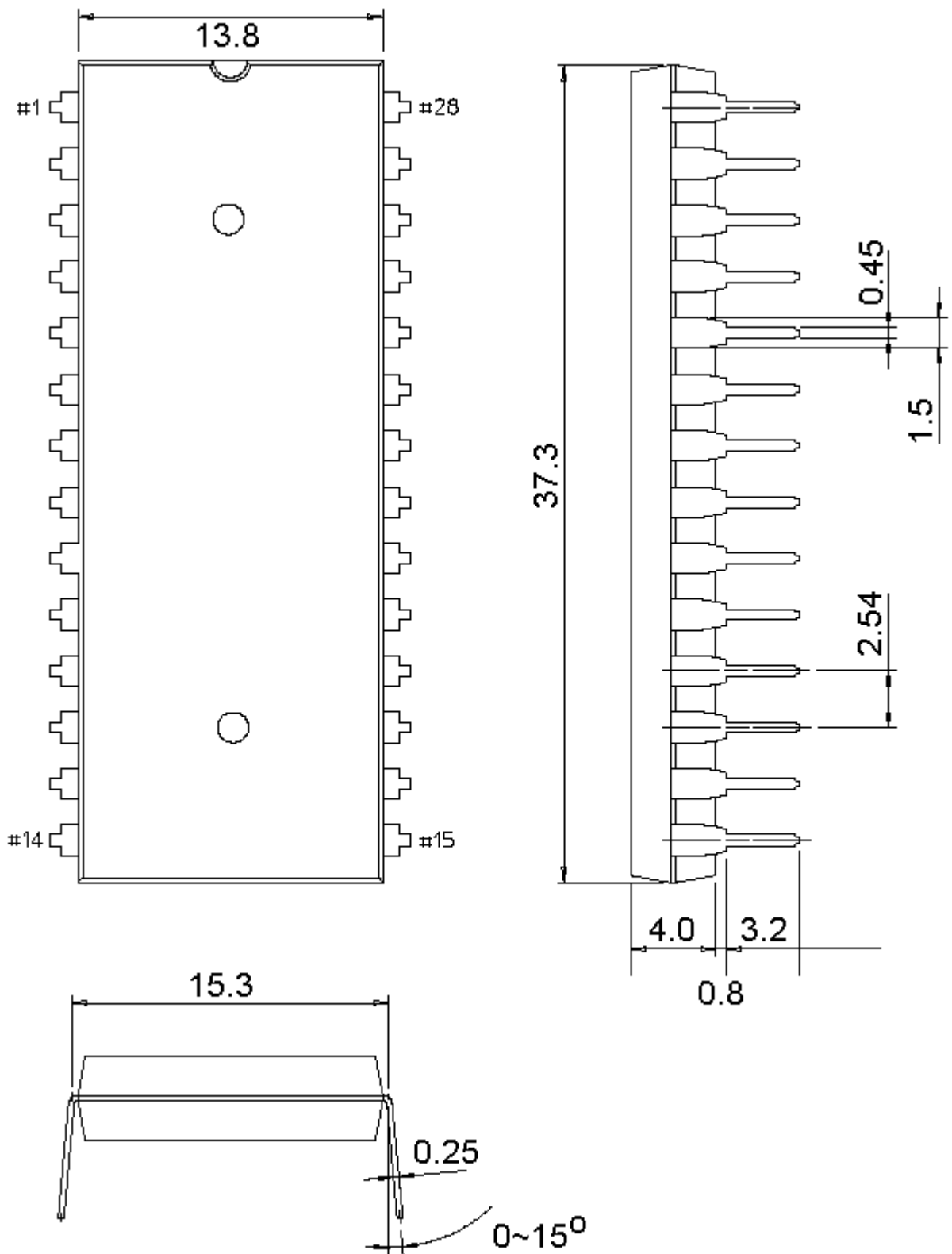




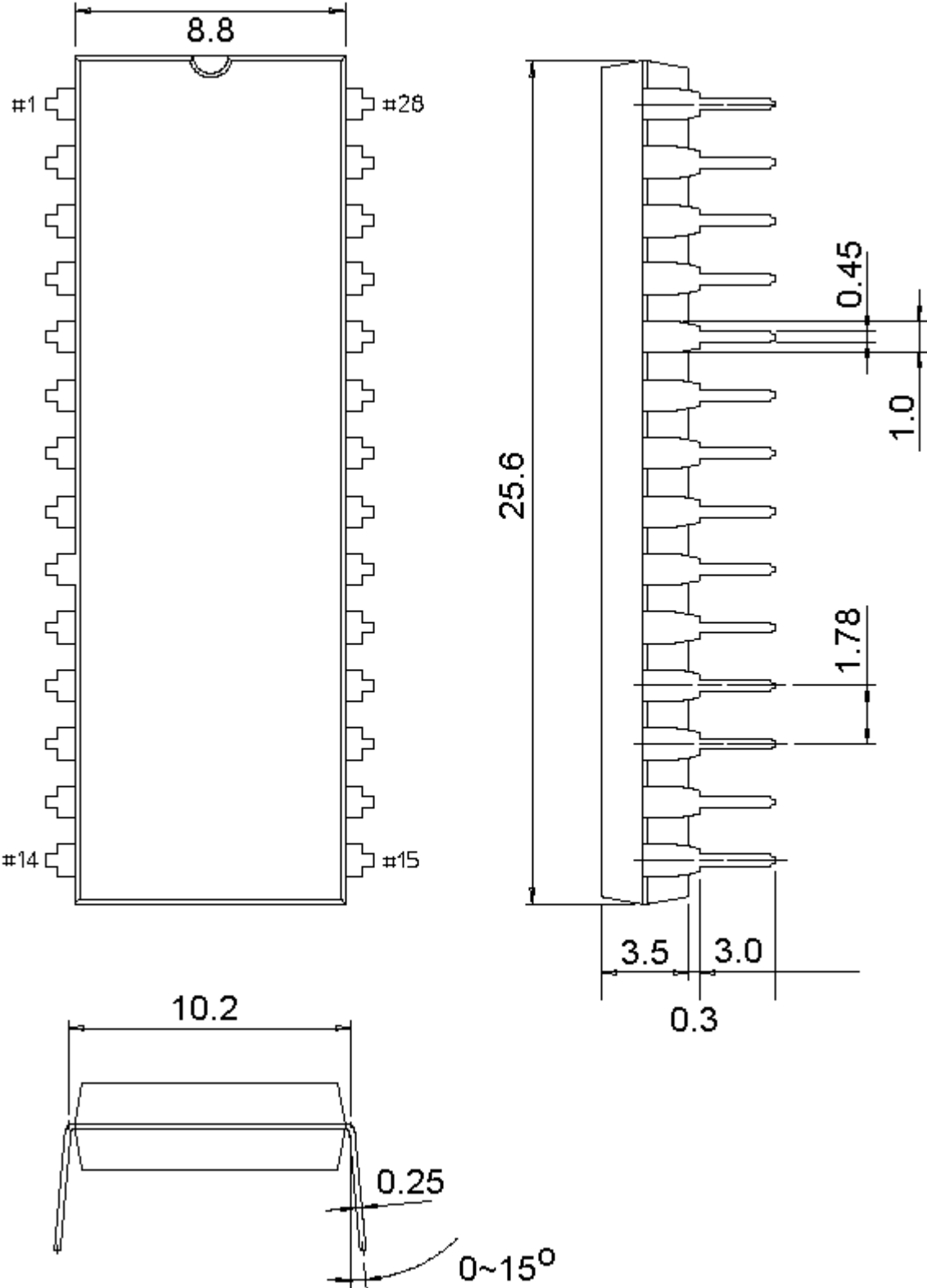
DIP28S (SKDIP28、DIP28-300mil)



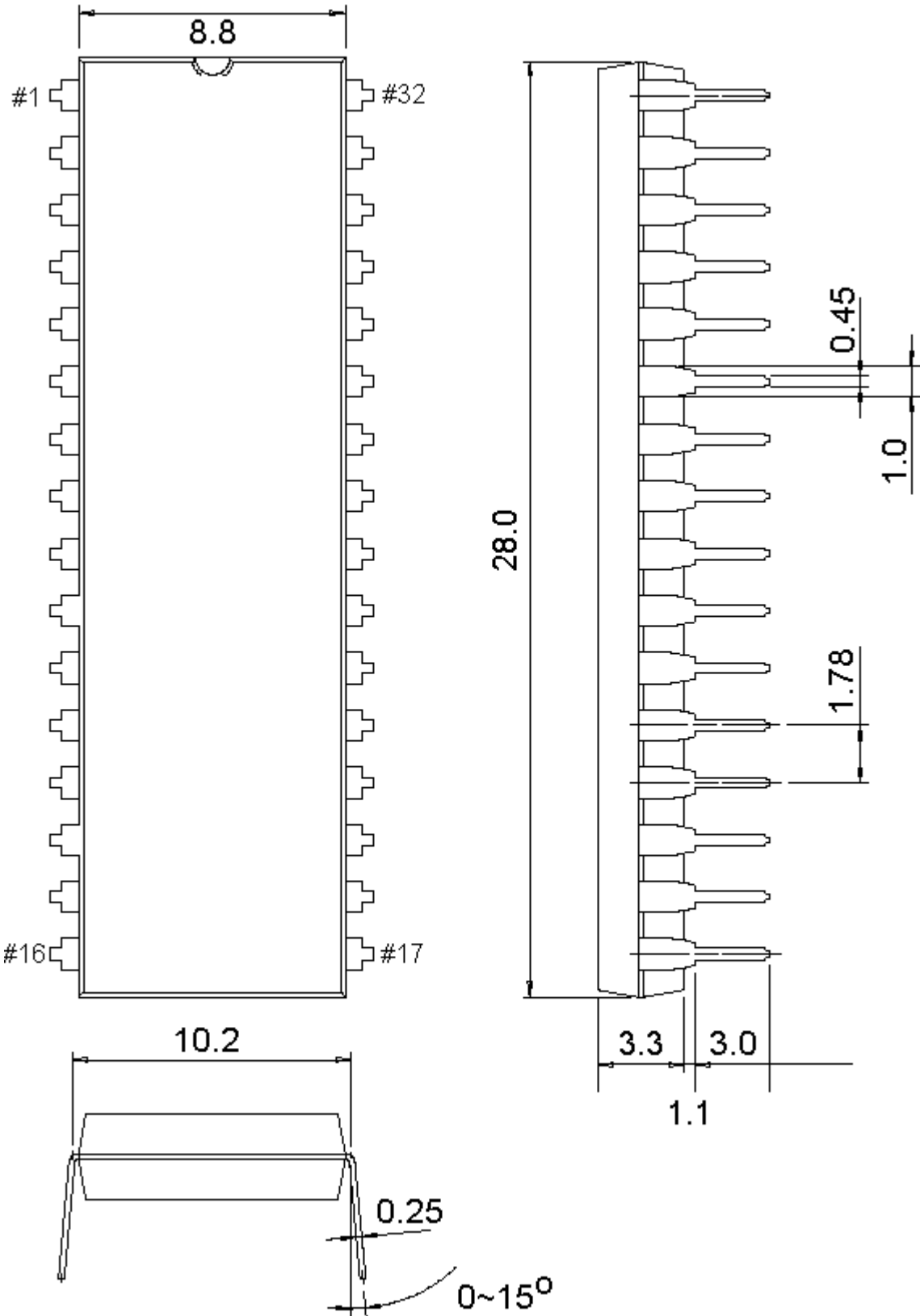
DIP28 (DIP28W、DIP28-600mil)



SDIP28 (SDIP28-400mil)



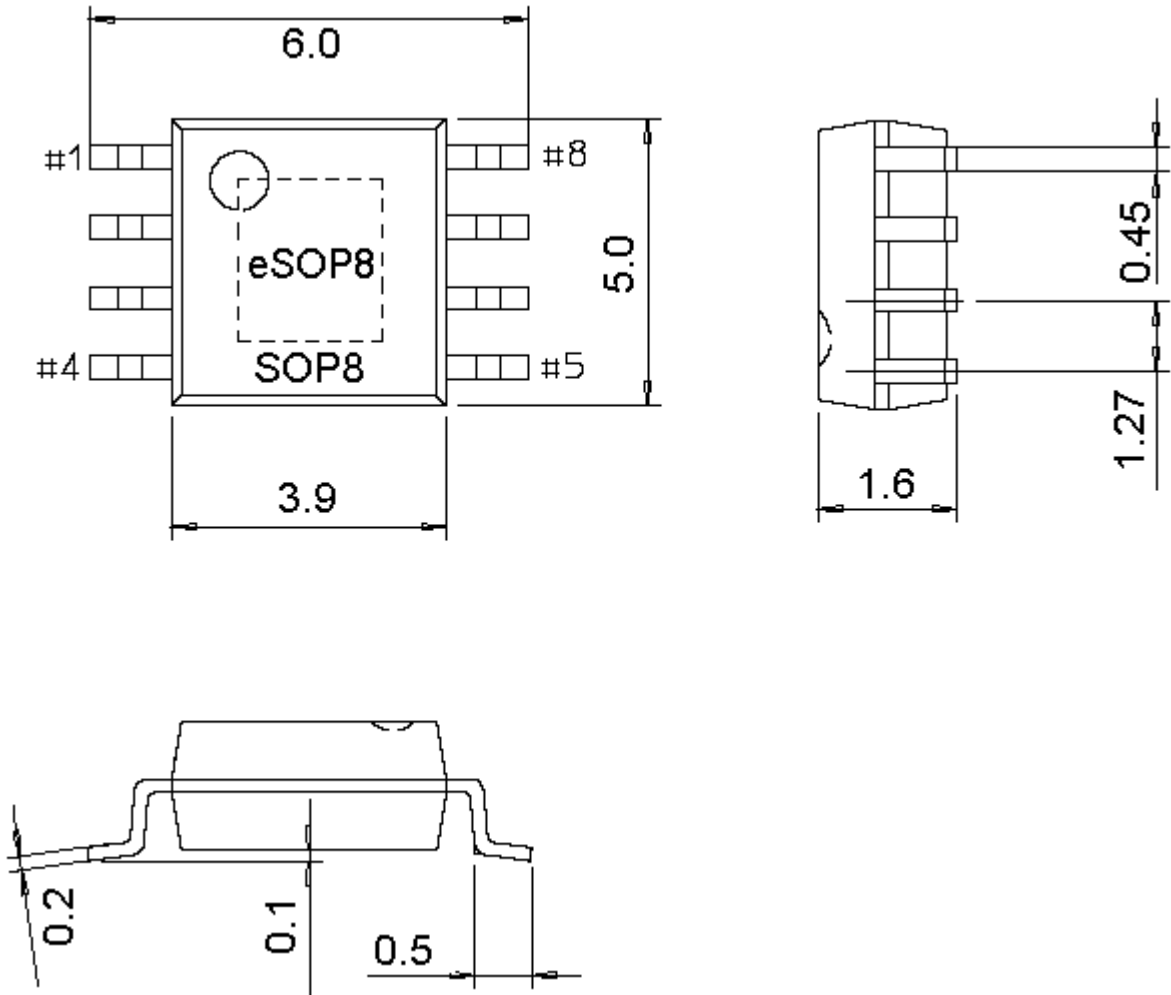
SDIP32 (SDIP32-400mil)



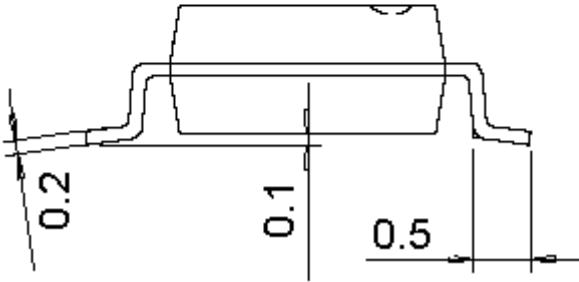
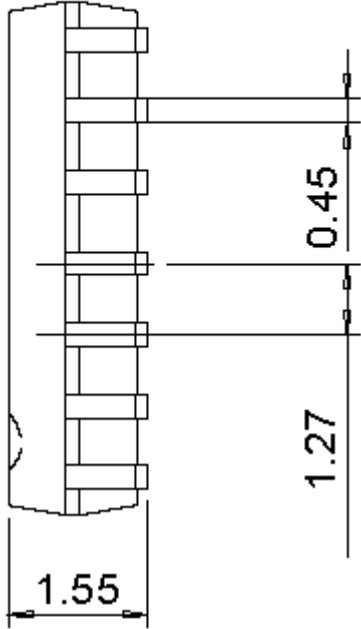
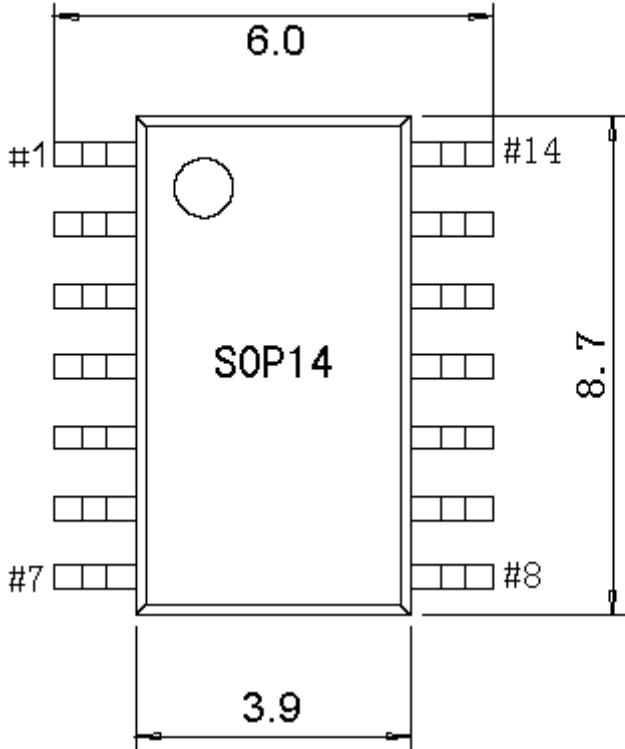
SOP 类 (SOIC)

SOP8、eSOP8

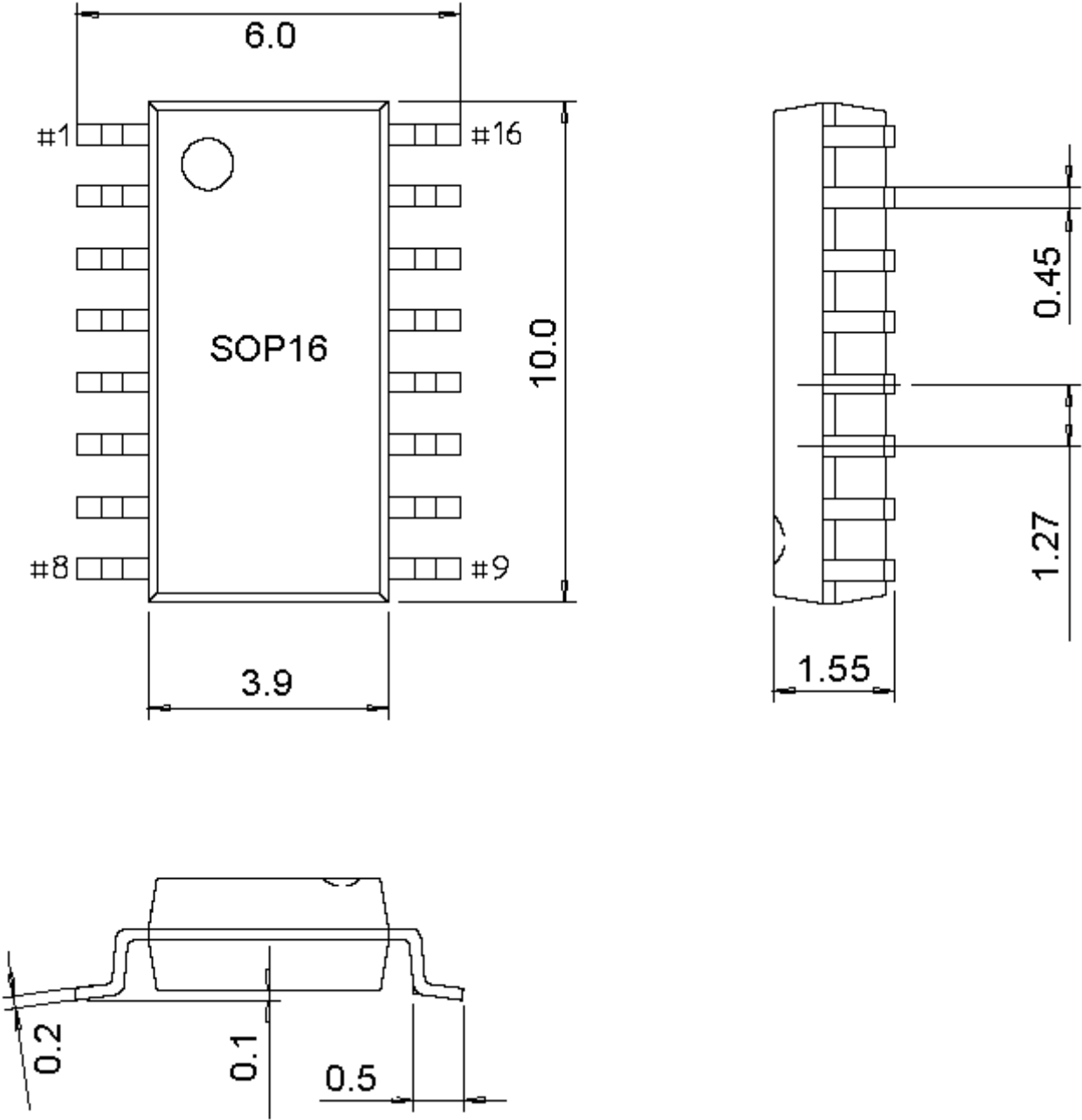
eSOP8 Exposed Pad: 2.1\*3.3、2.1\*2.1



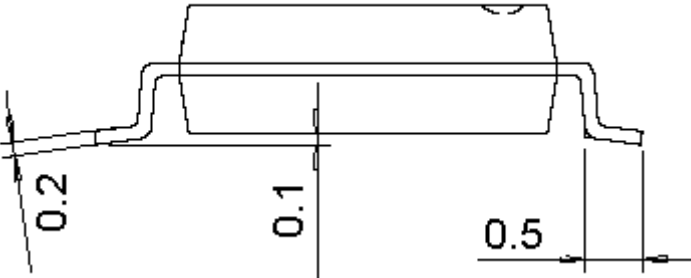
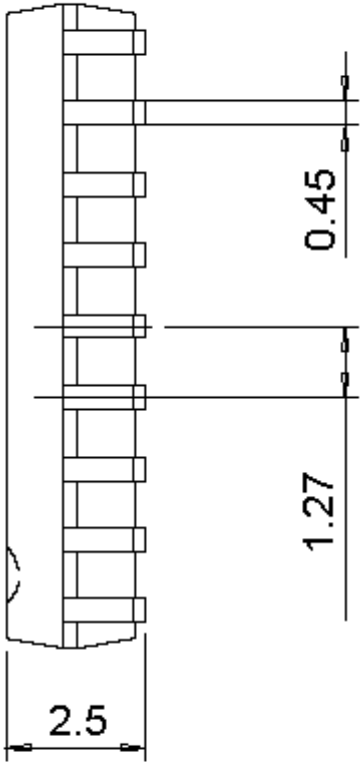
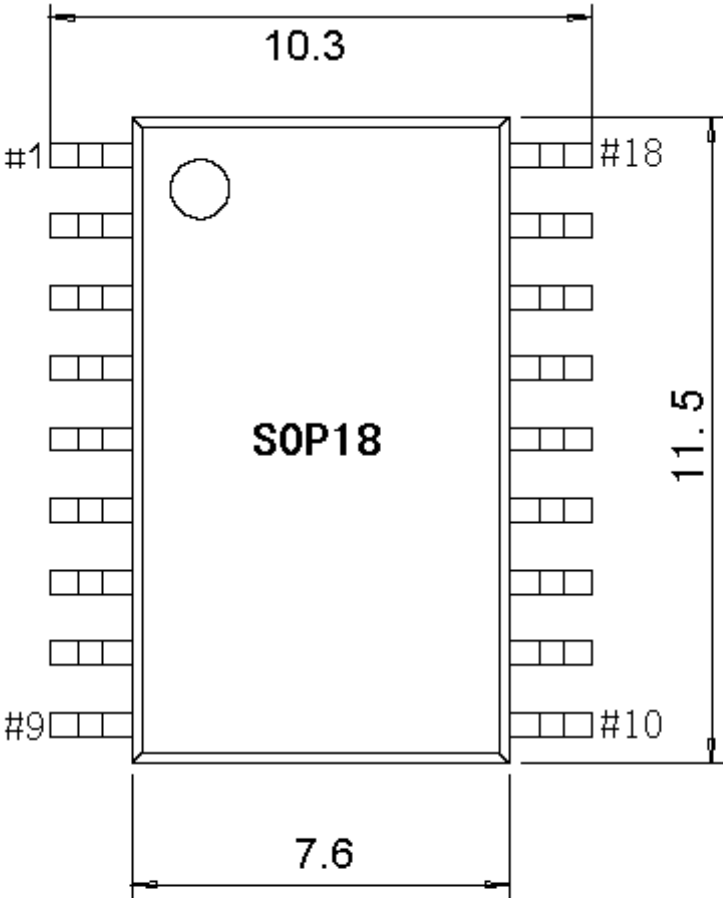
SOP14



SOP16 (SOP16-150mil)

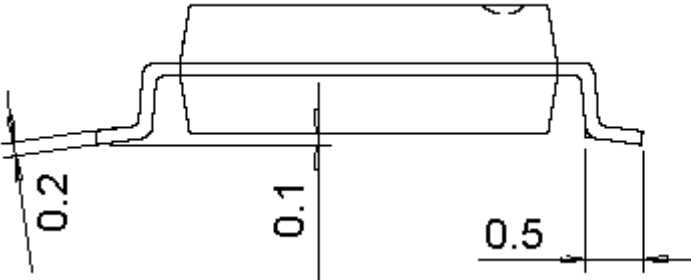
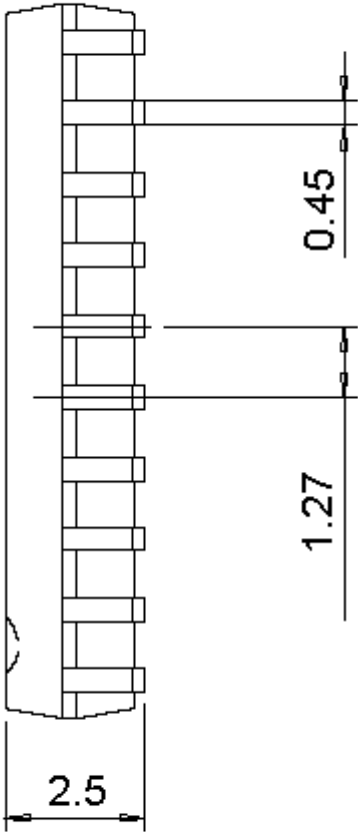
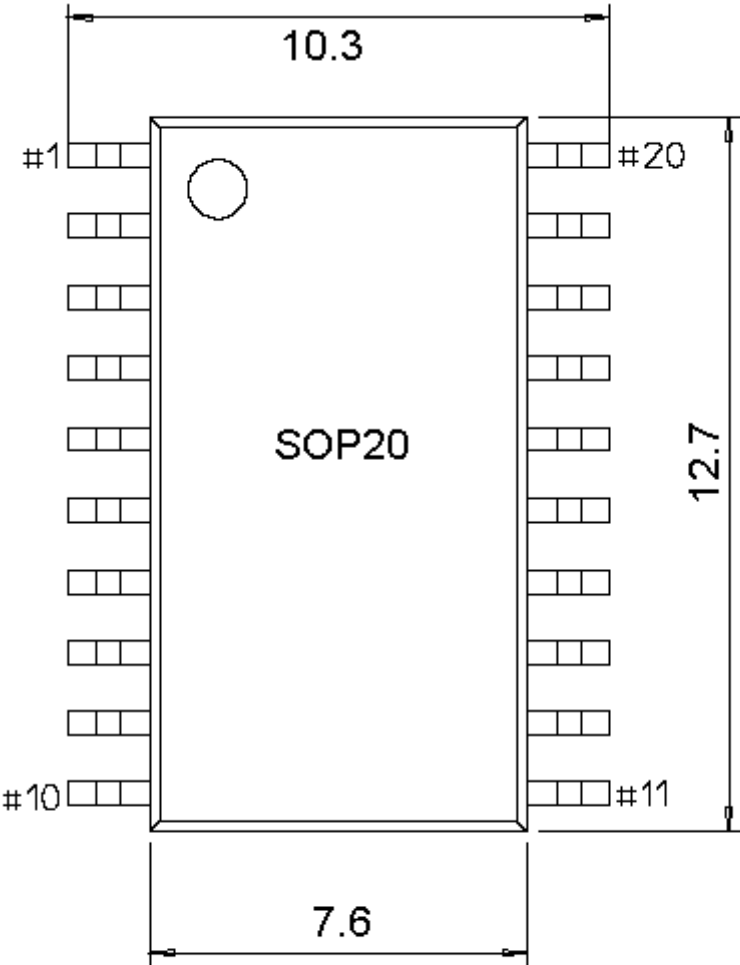


SOP18

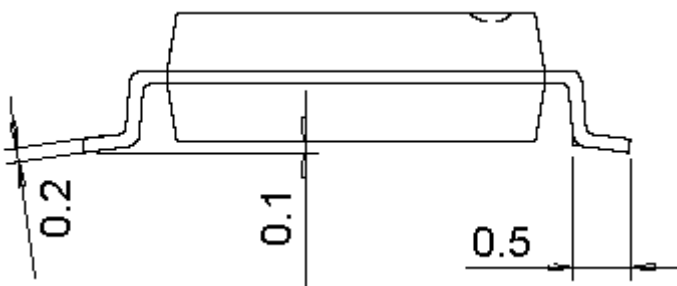
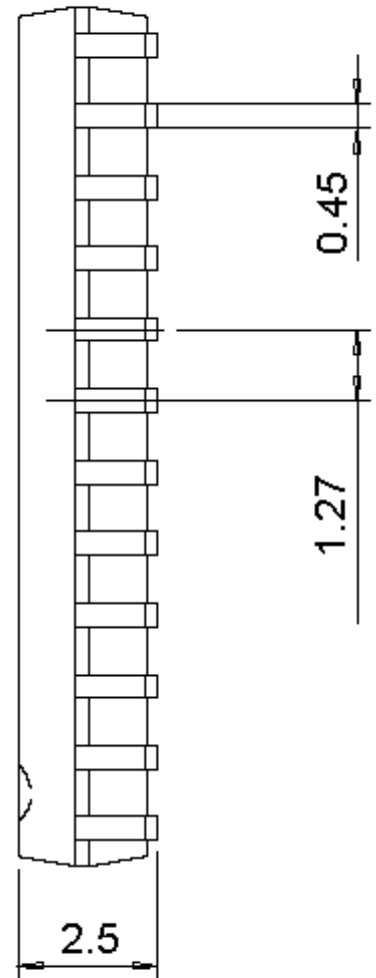
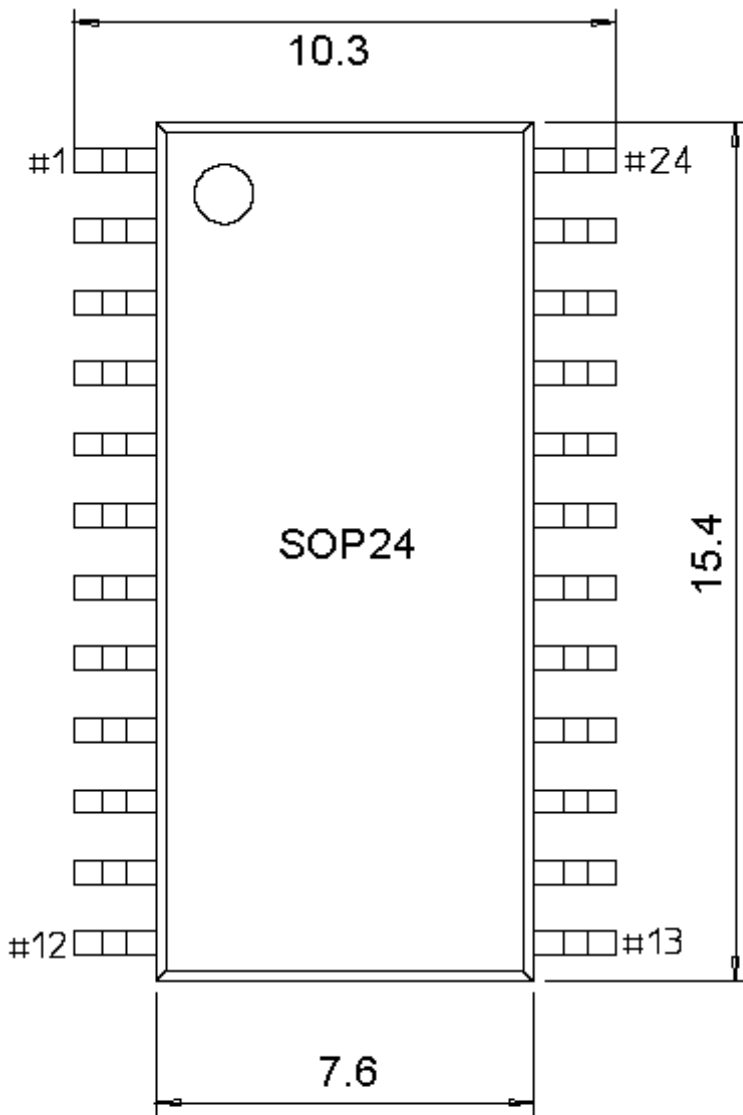




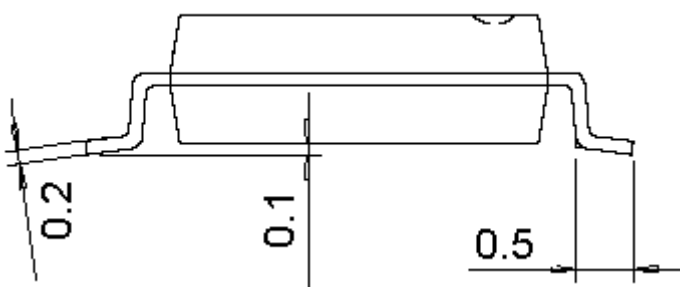
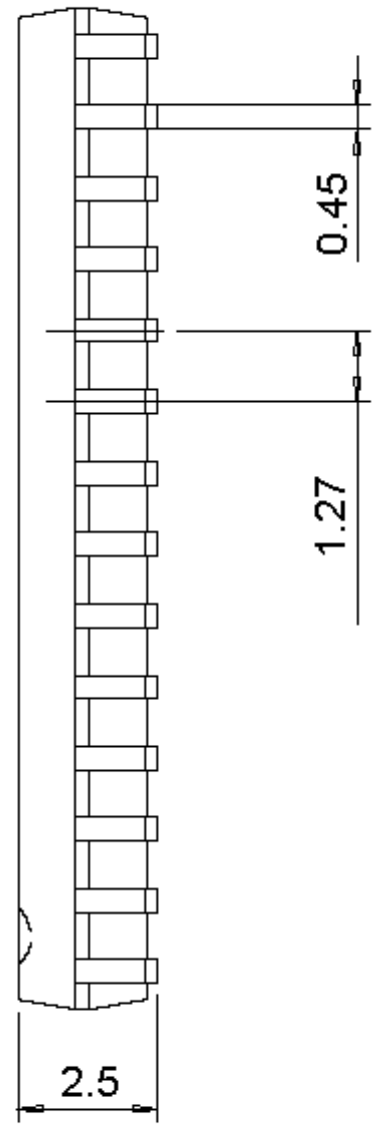
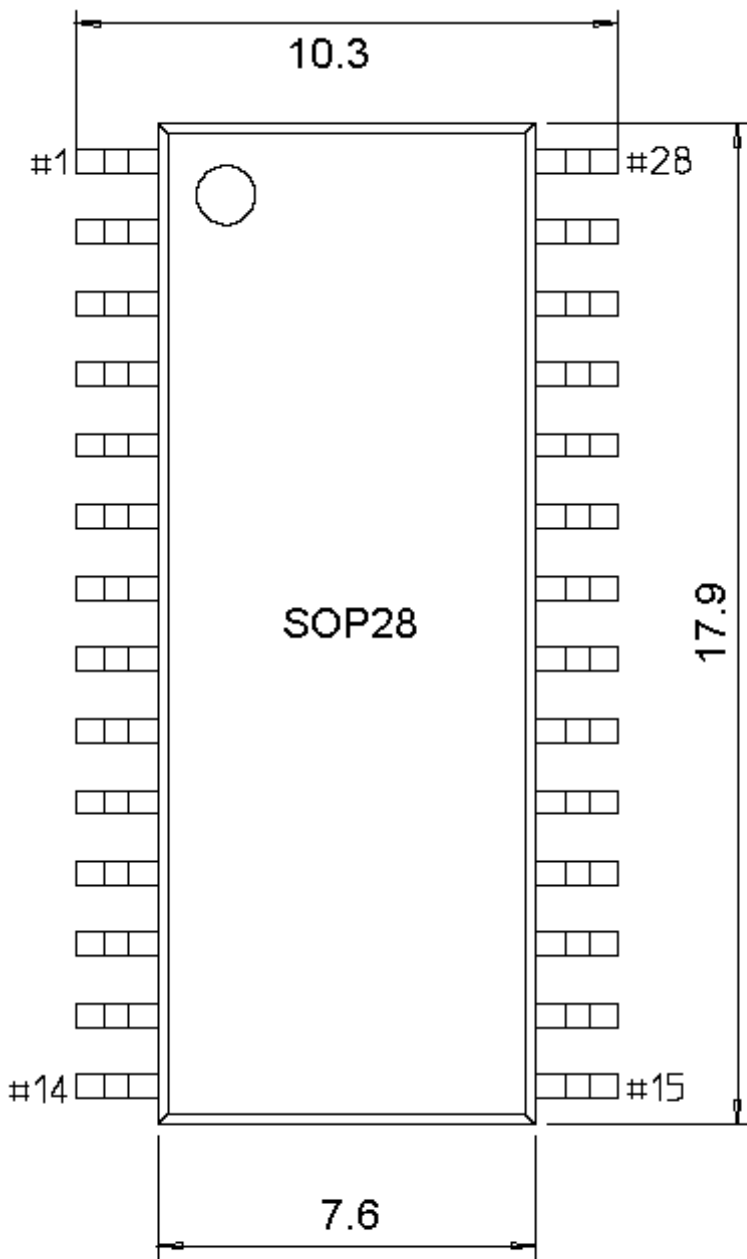
SOP20



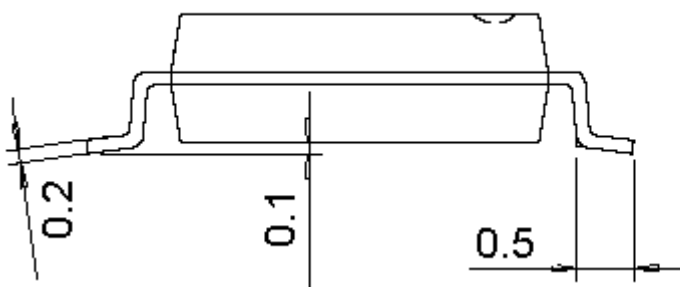
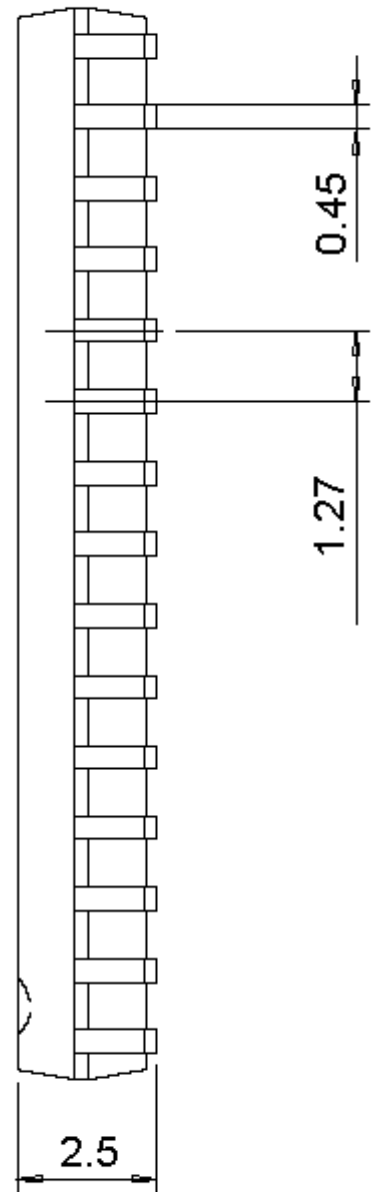
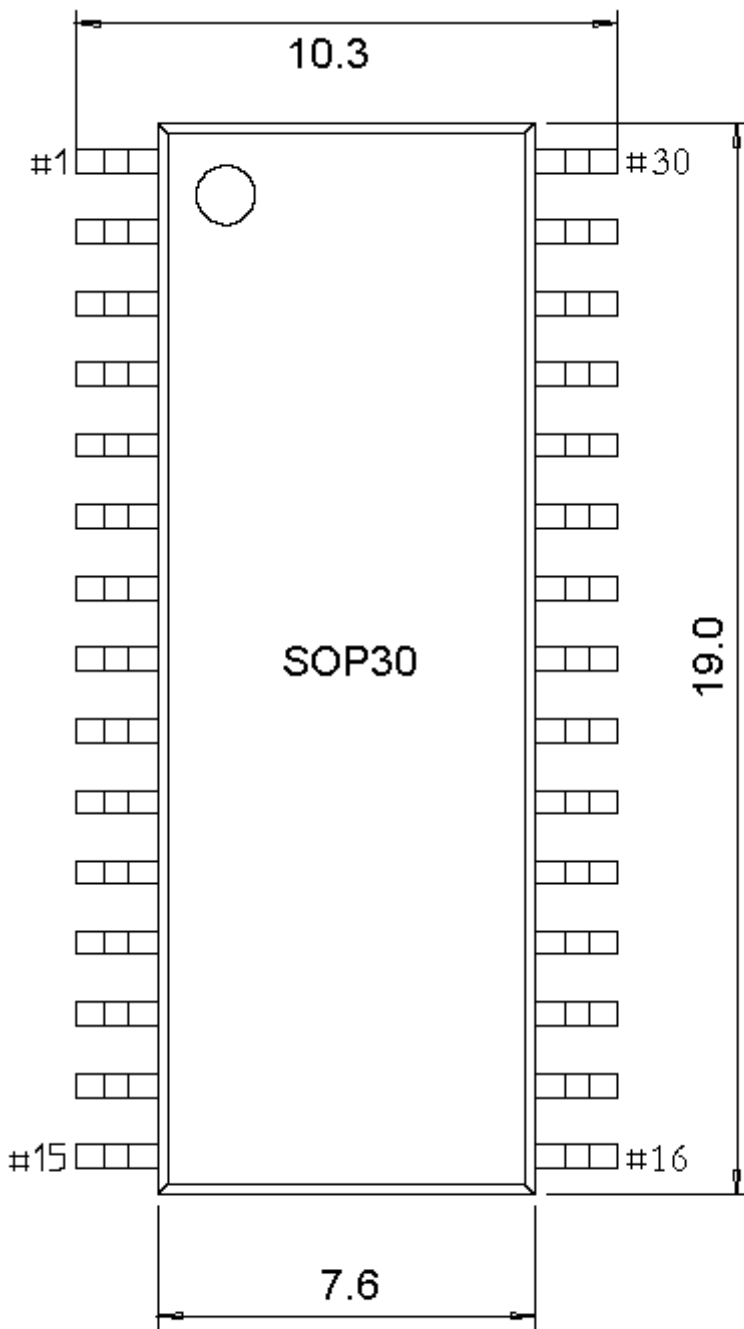
SOP24



SOP28



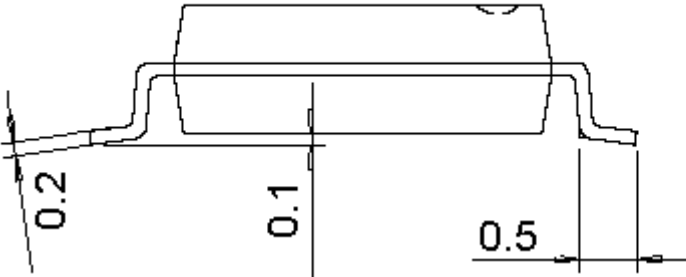
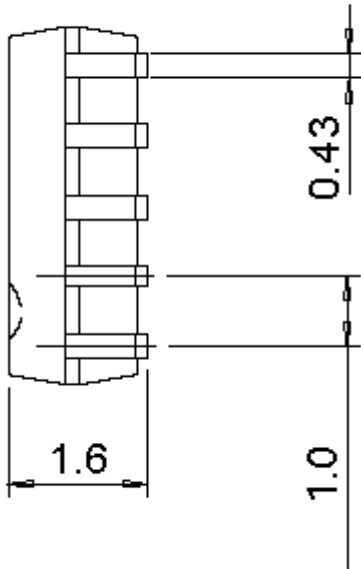
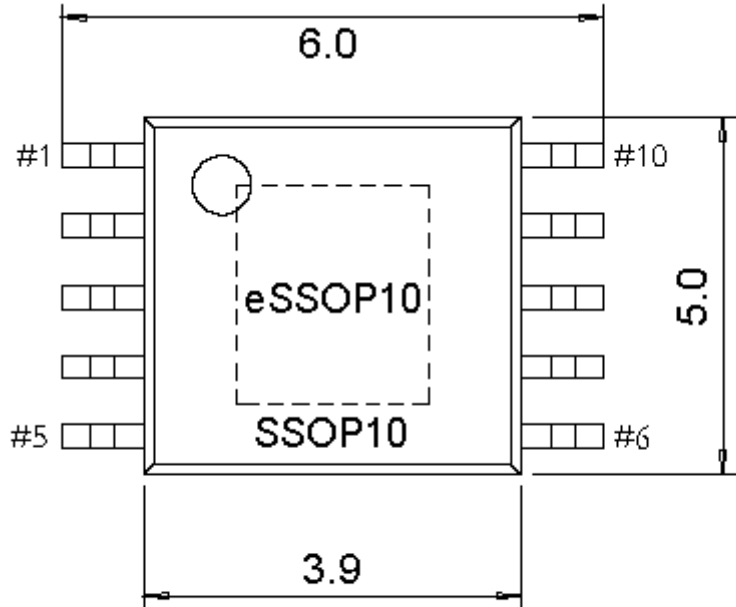
SOP30



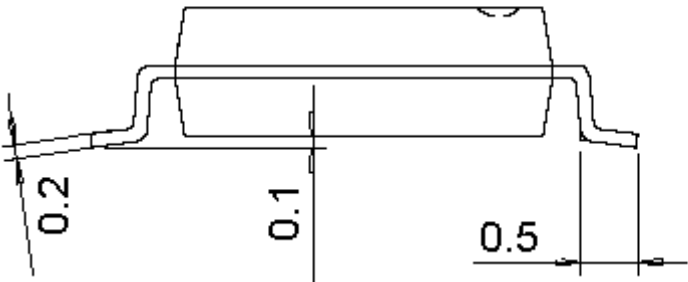
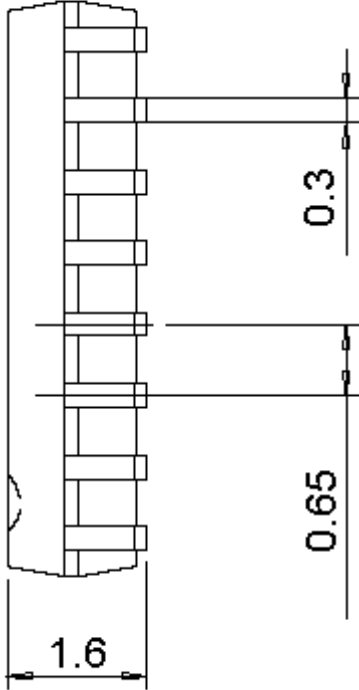
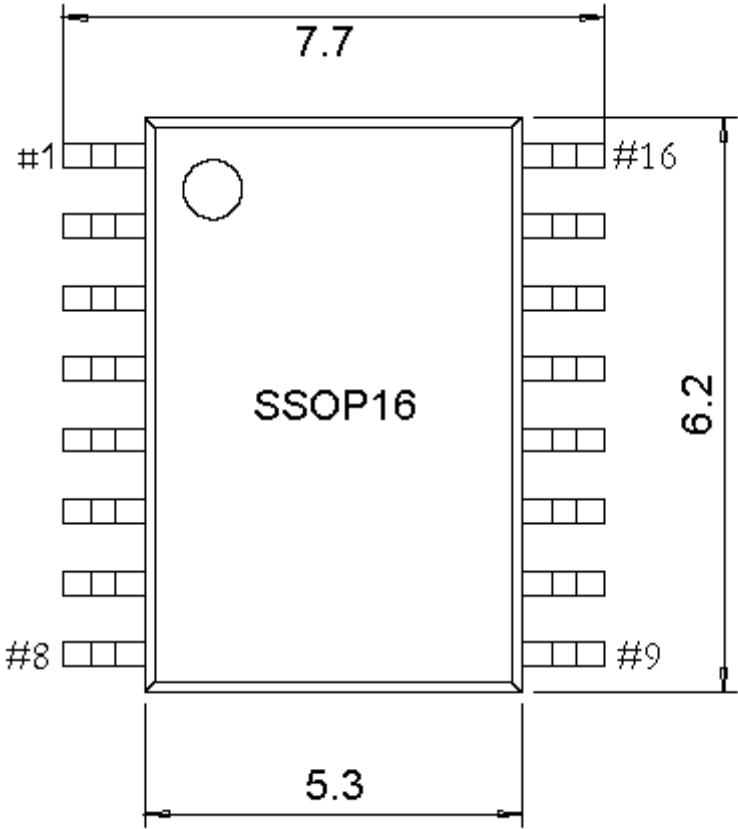
SSOP 类

SSOP10 (SSOP10-150mil-1.00)、eSSOP10

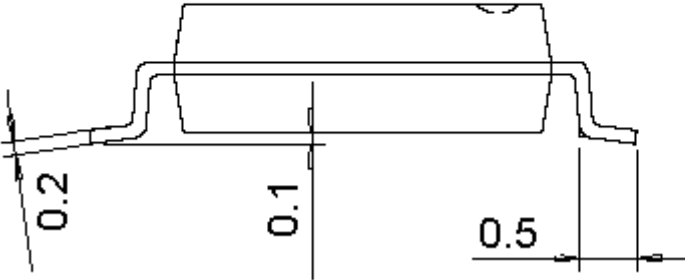
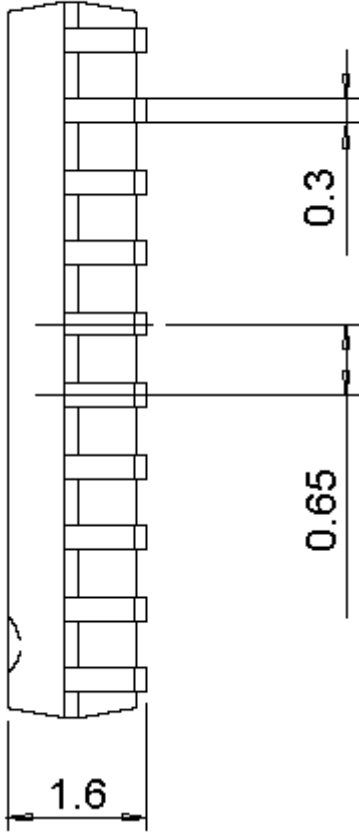
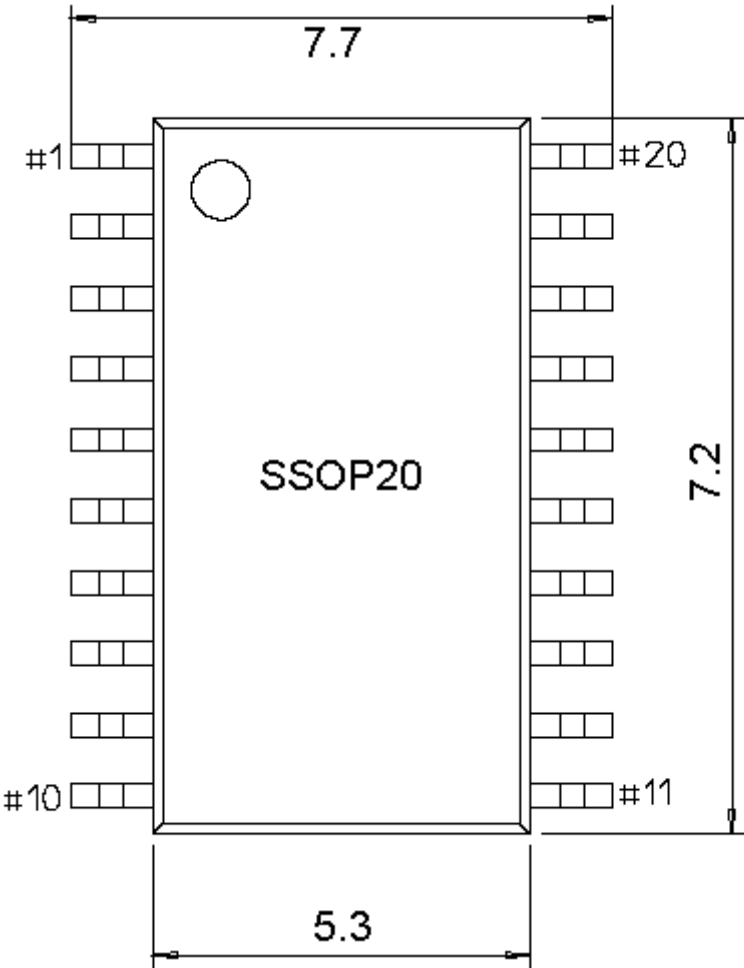
eSSOP10 Exposed Pad: 2.1\*3.3



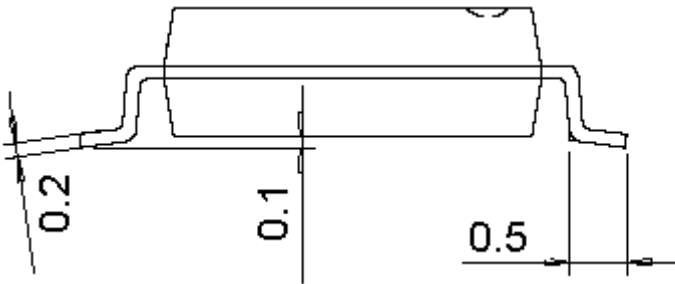
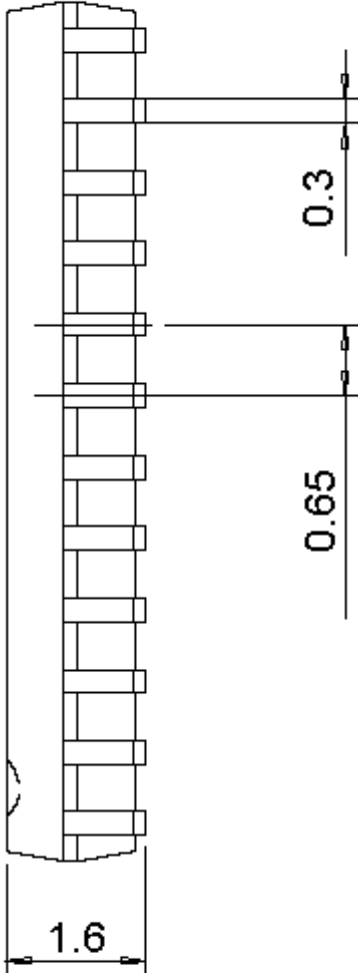
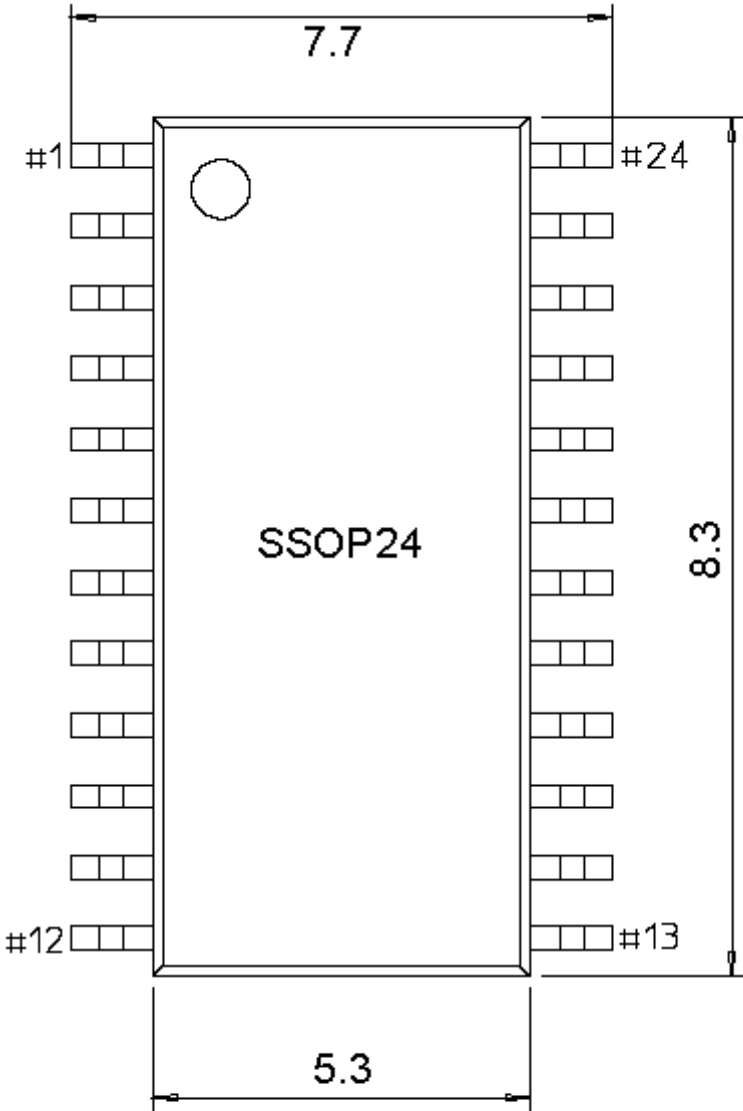
SSOP16 (SSOP16-209mil-0.65)



SSOP20 (SSOP20-209mil-0.65)

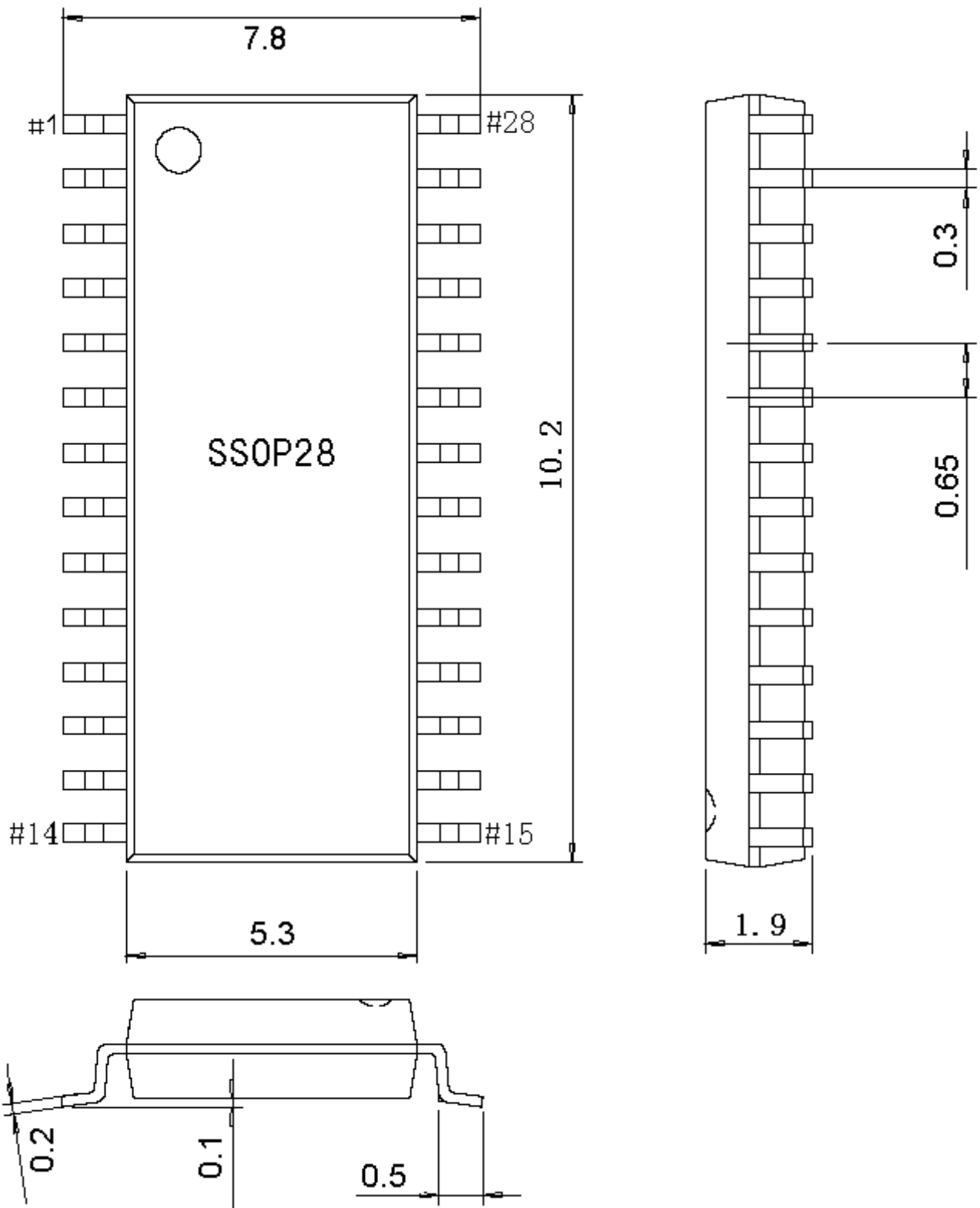


SSOP24 (SSOP24-209mil-0.65)



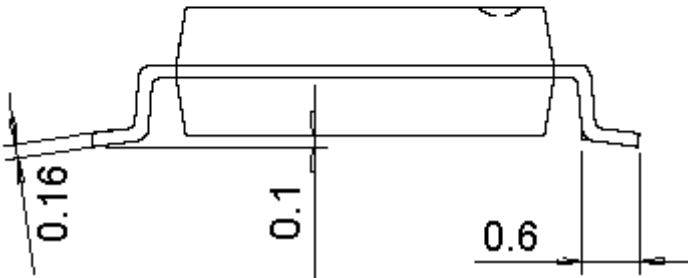
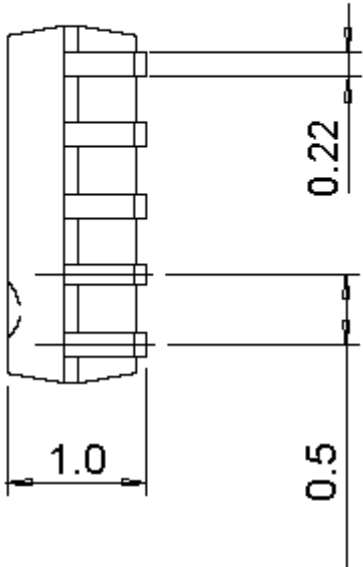
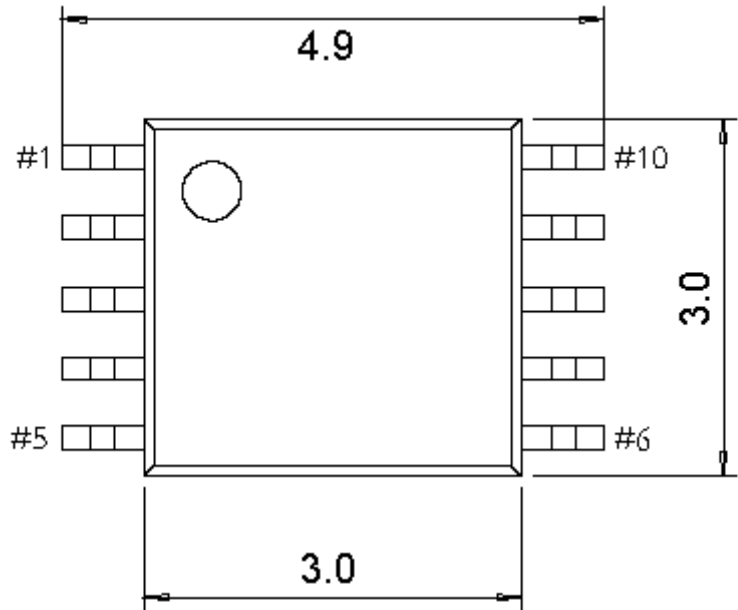


SSOP28 (SSOP28-209mil-0.65)



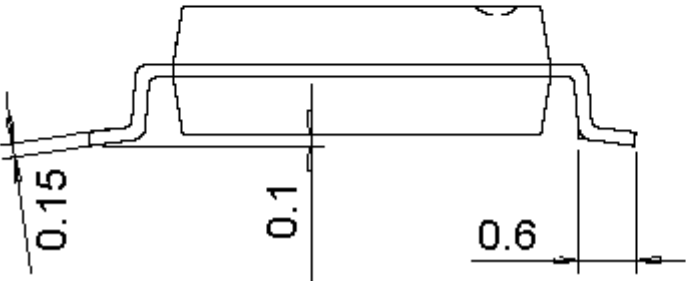
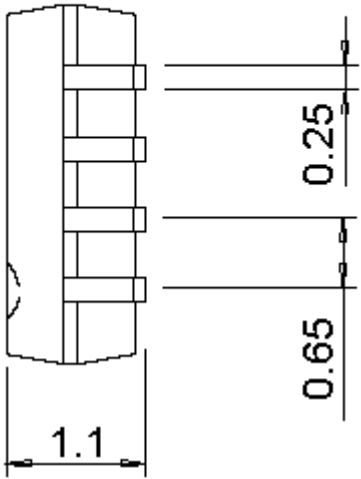
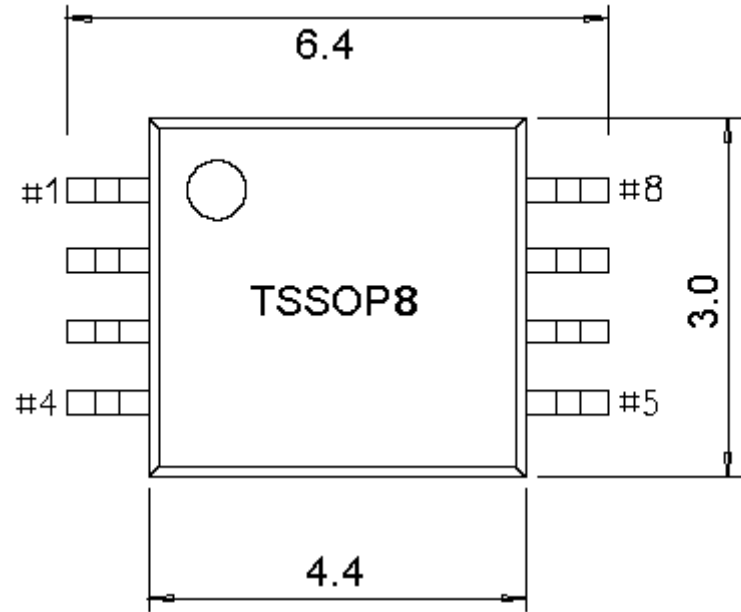
MSOP 类

MSOP10



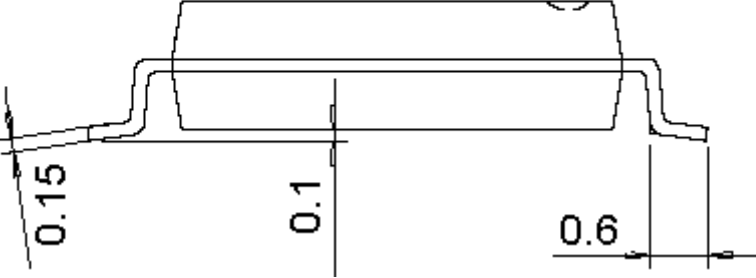
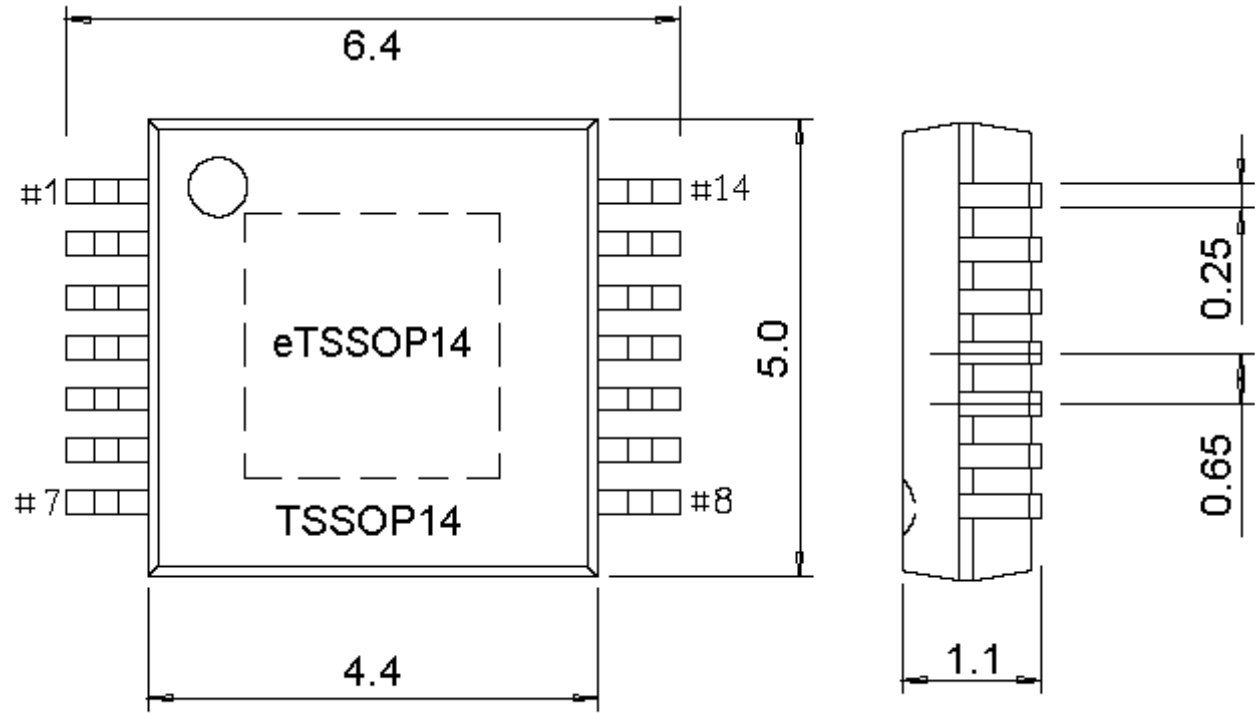
TSSOP 类 (4.4mm, 173mil)

TSSOP8



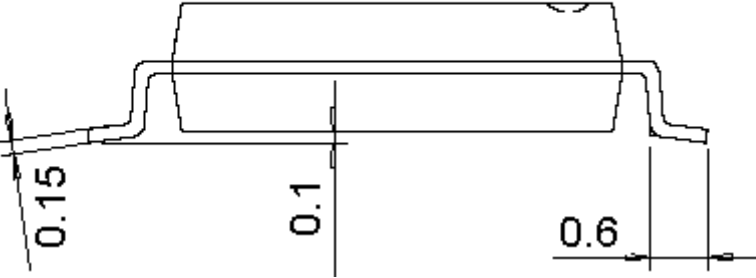
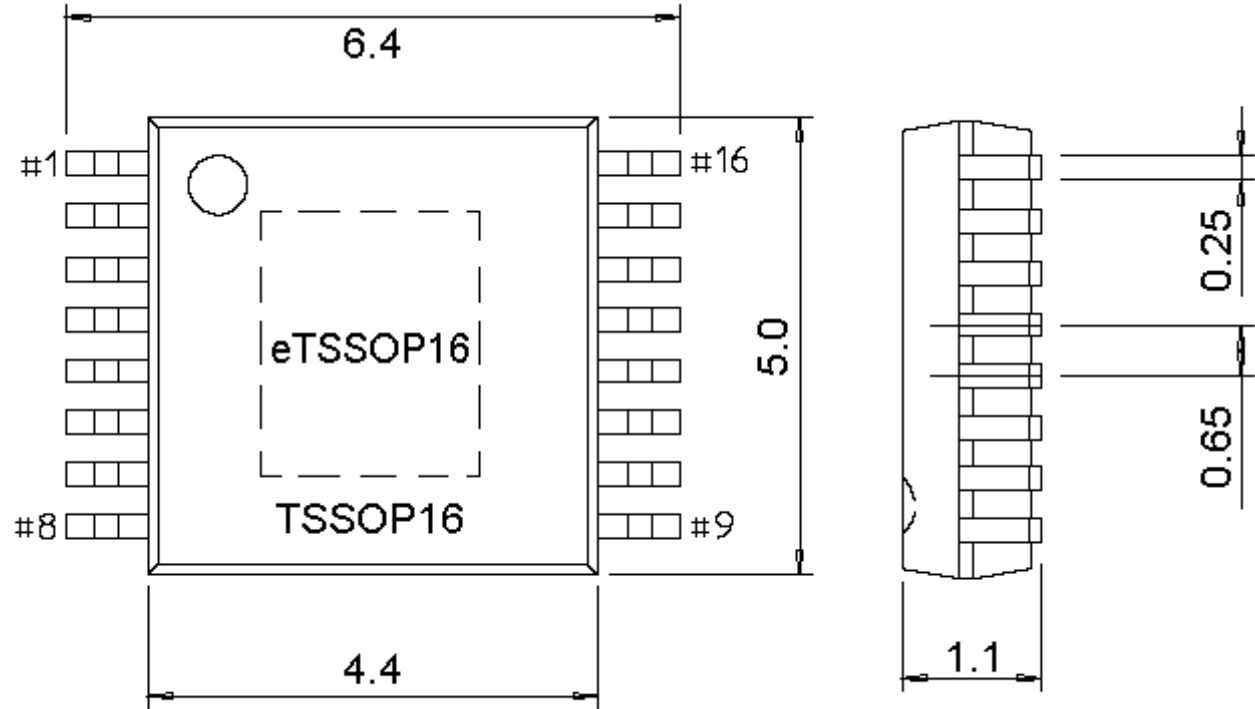
TSSOP14、eTSSOP14

eTSSOP14 Exposed Pad: 3.0\*3.0



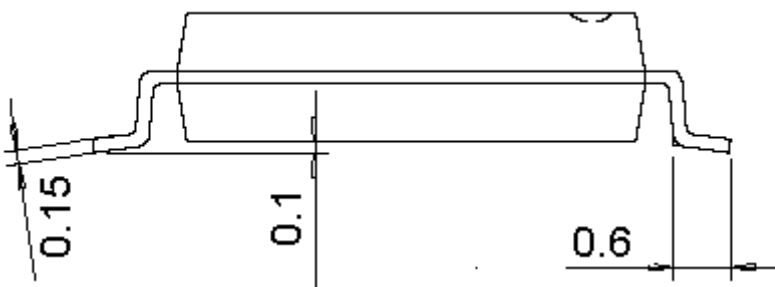
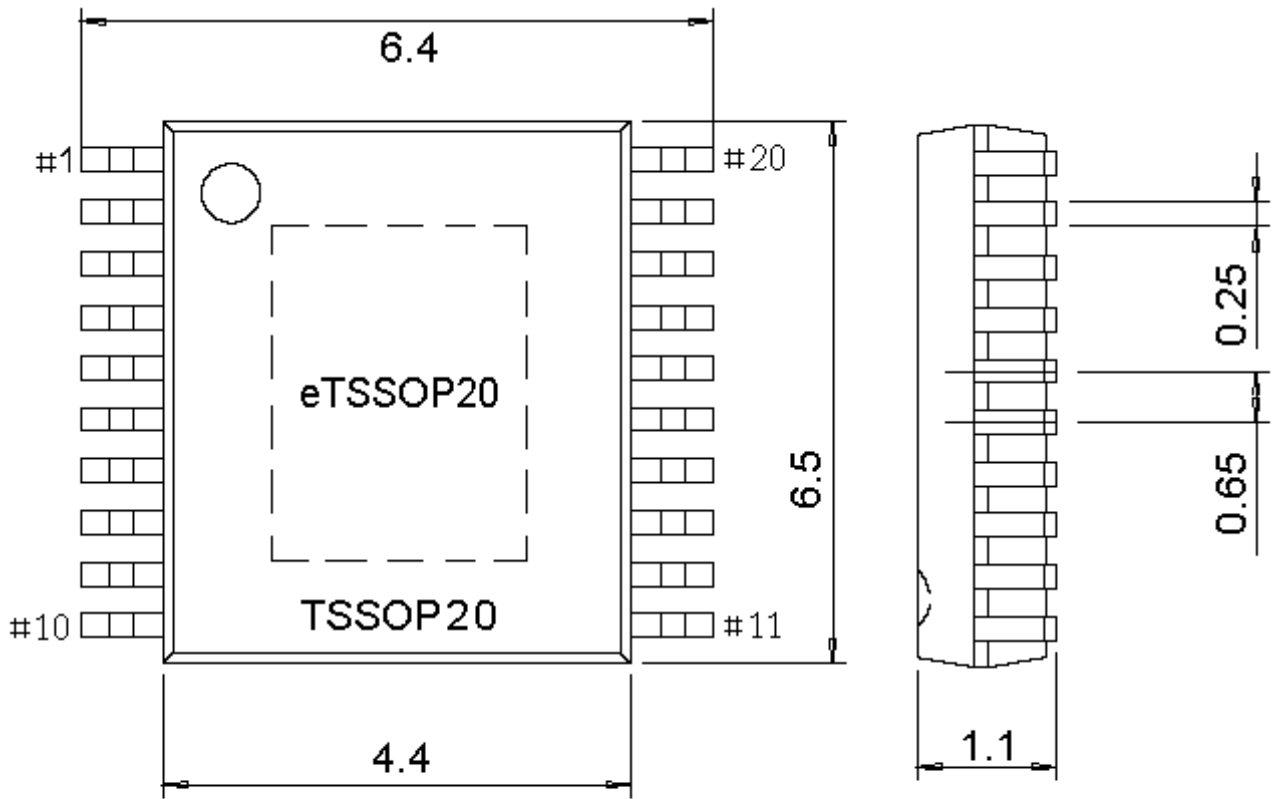
TSSOP16、eTSSOP16

eTSSOP16 Exposed Pad: 2.8\*3.0

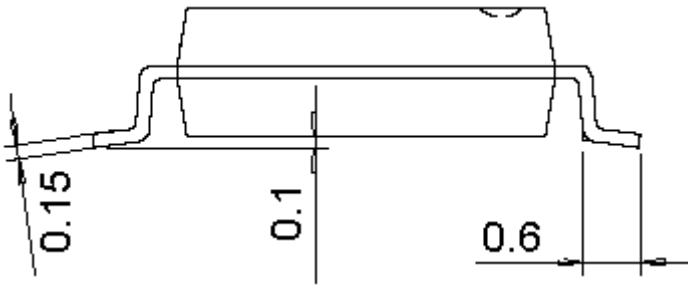
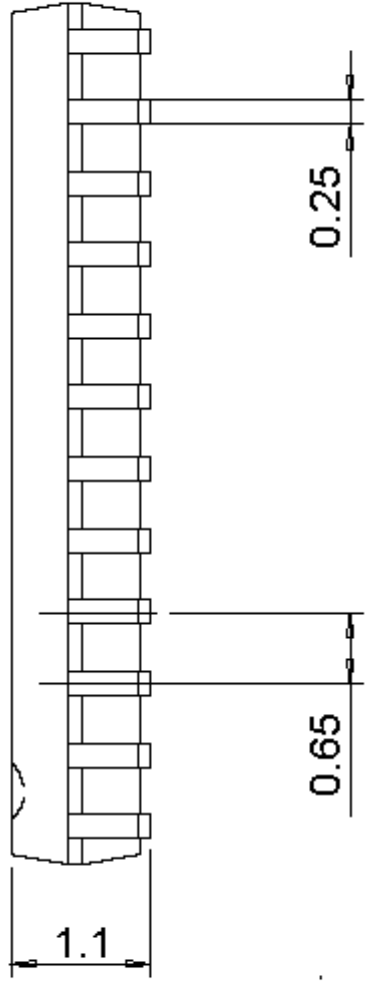
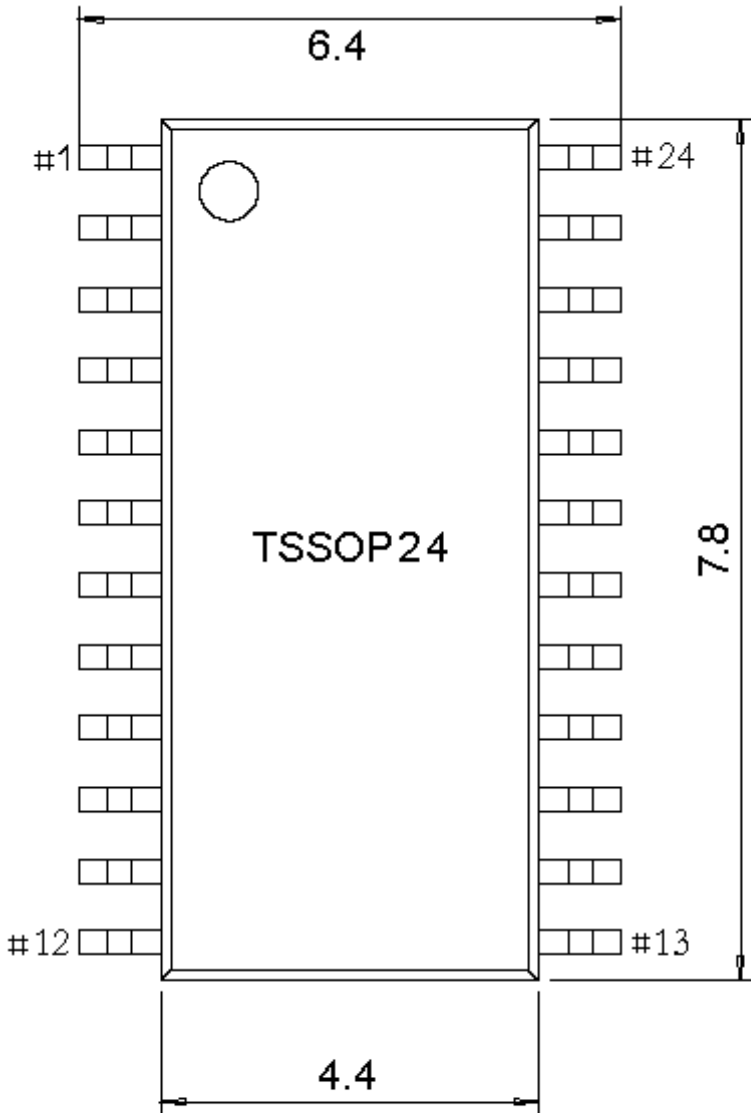


TSSOP20、eTSSOP20

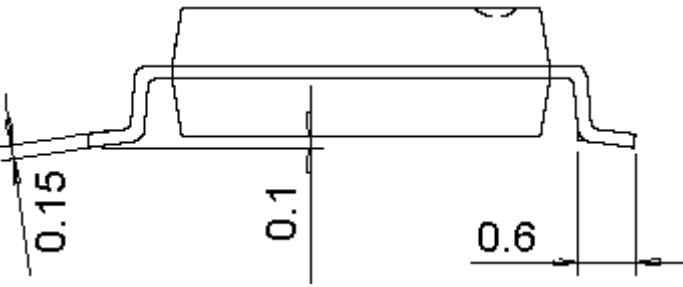
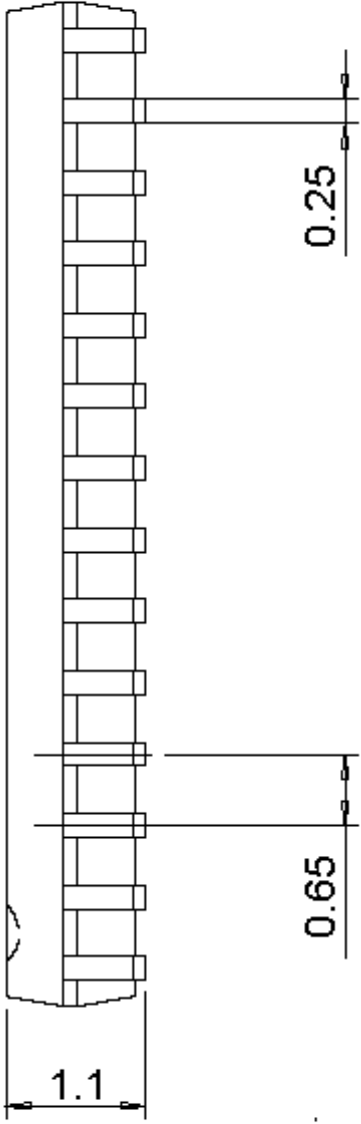
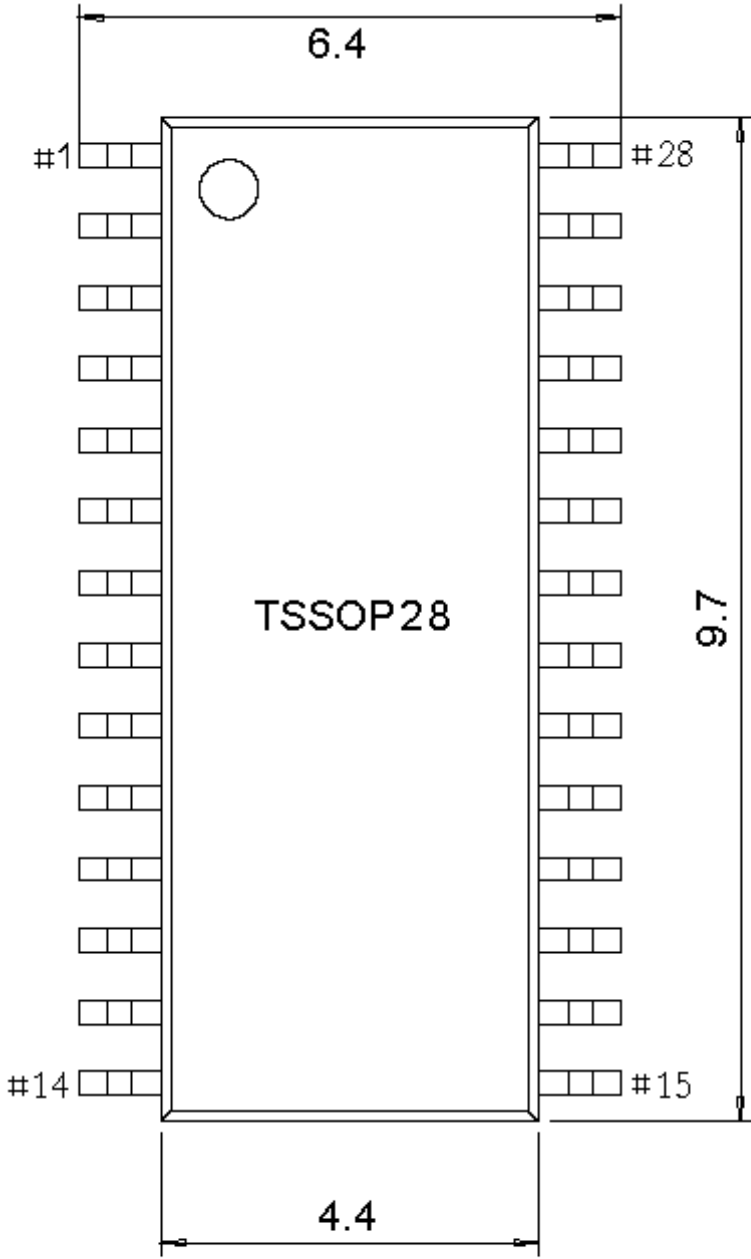
eTSSOP20 Exposed Pad: 3.0\*4.2



TSSOP24



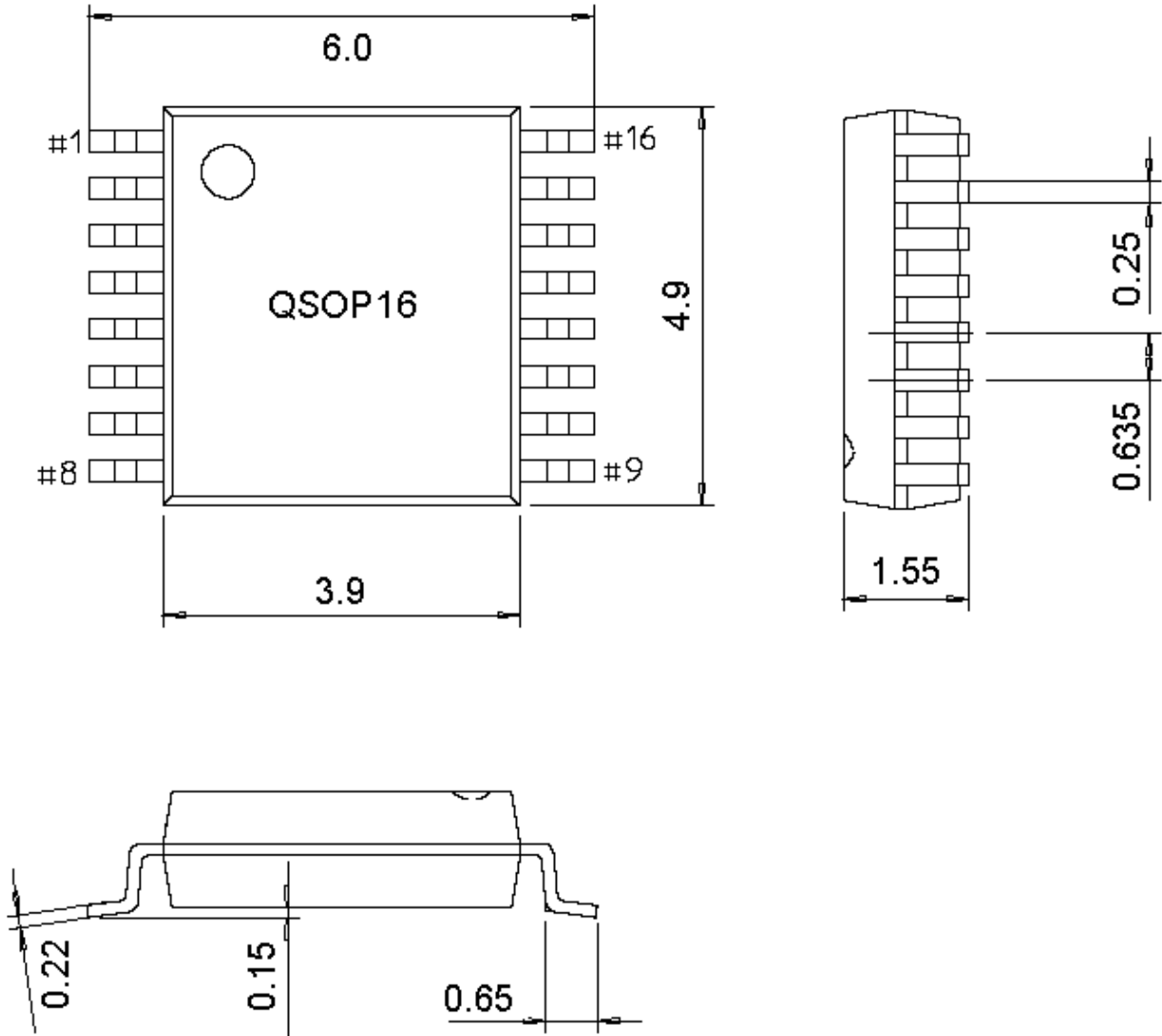
TSSOP28



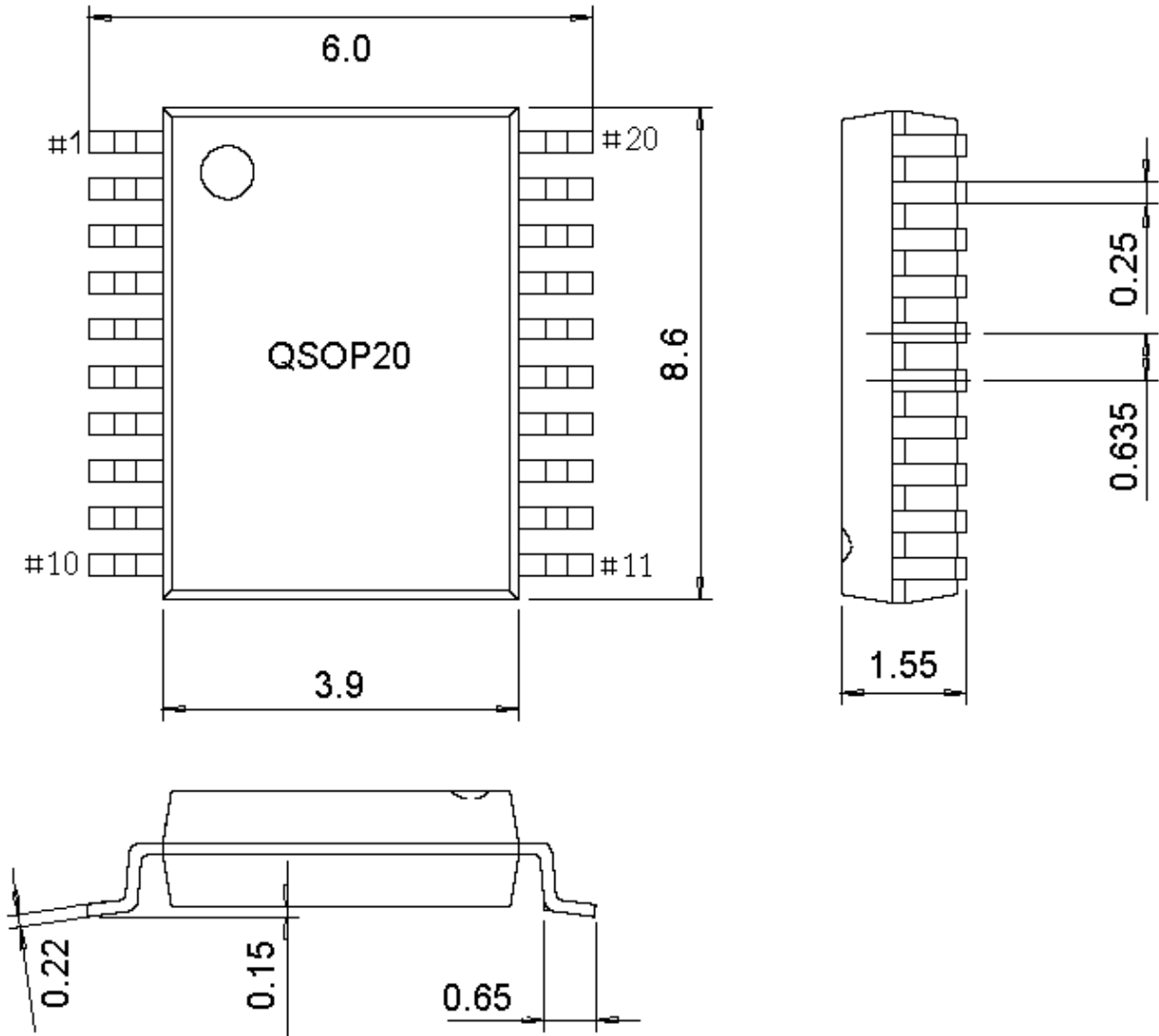


QSOP 类 (3.9mm, 150mil)

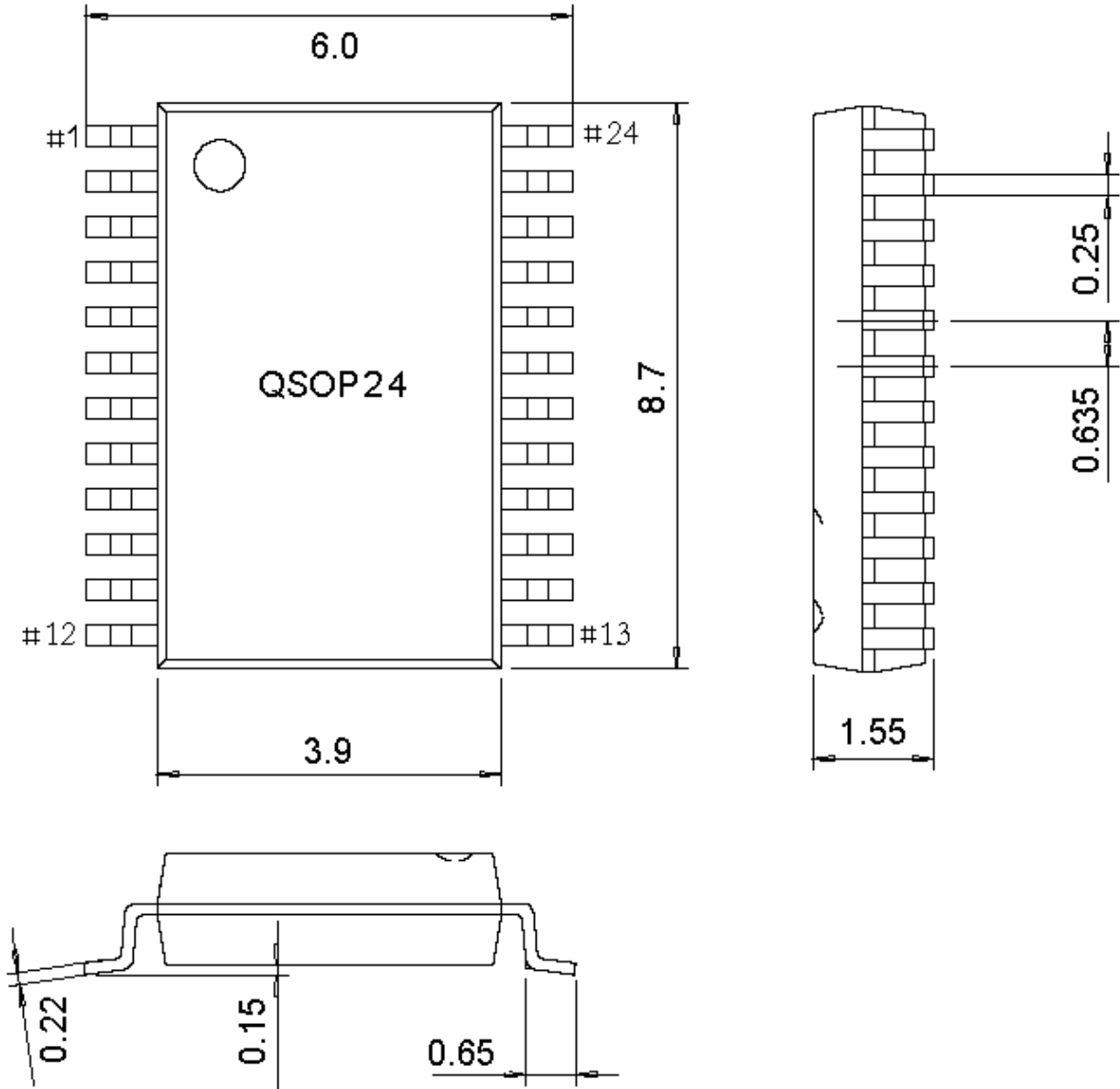
QSOP16 (SSOP16-150mil-0.635)



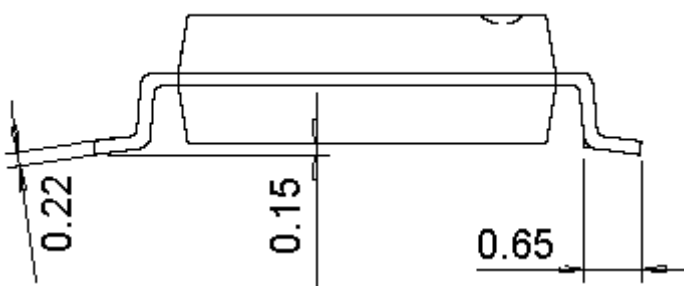
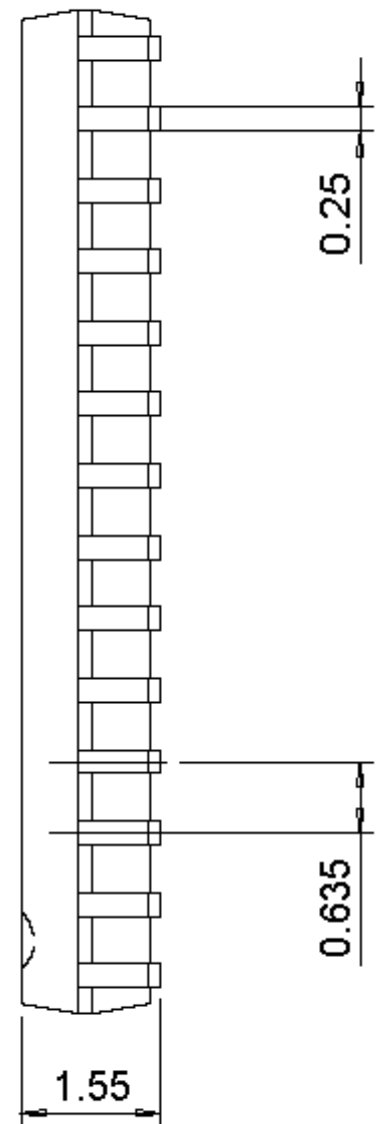
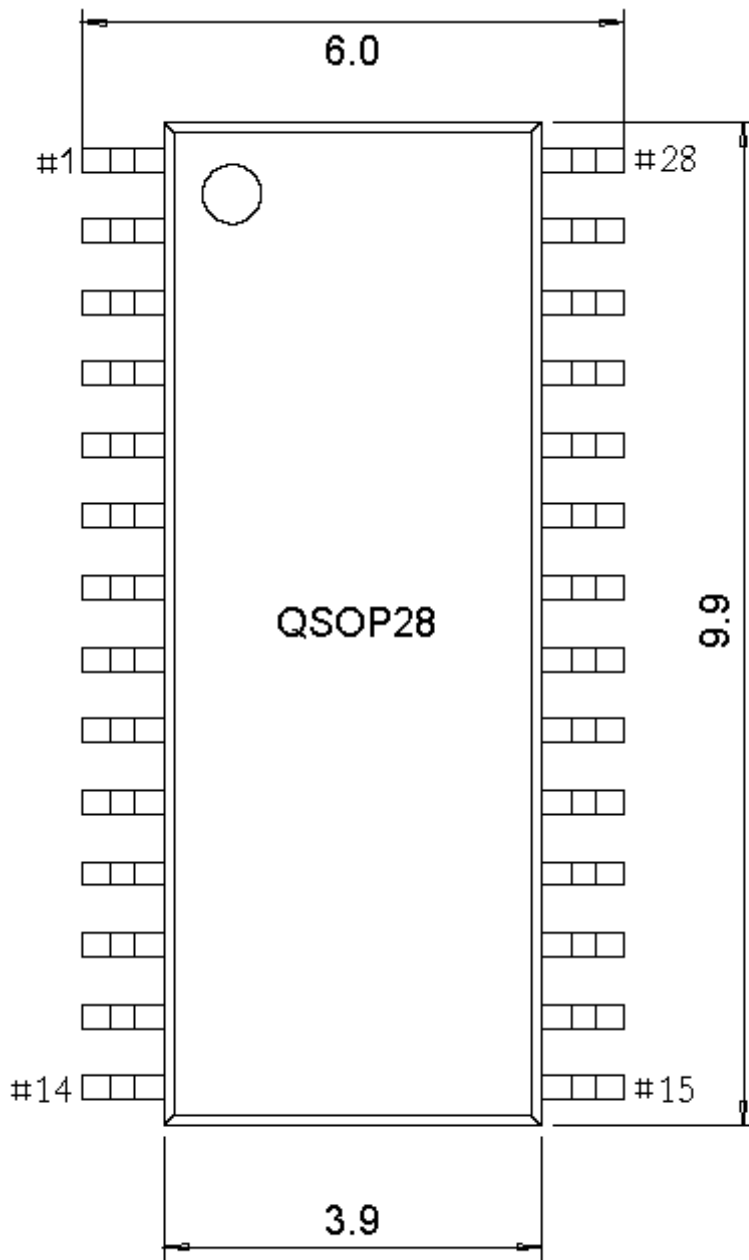
QSOP20 (SSOP20-150mil-0.635)



QSOP24 (SSOP24-150mil-0.635)

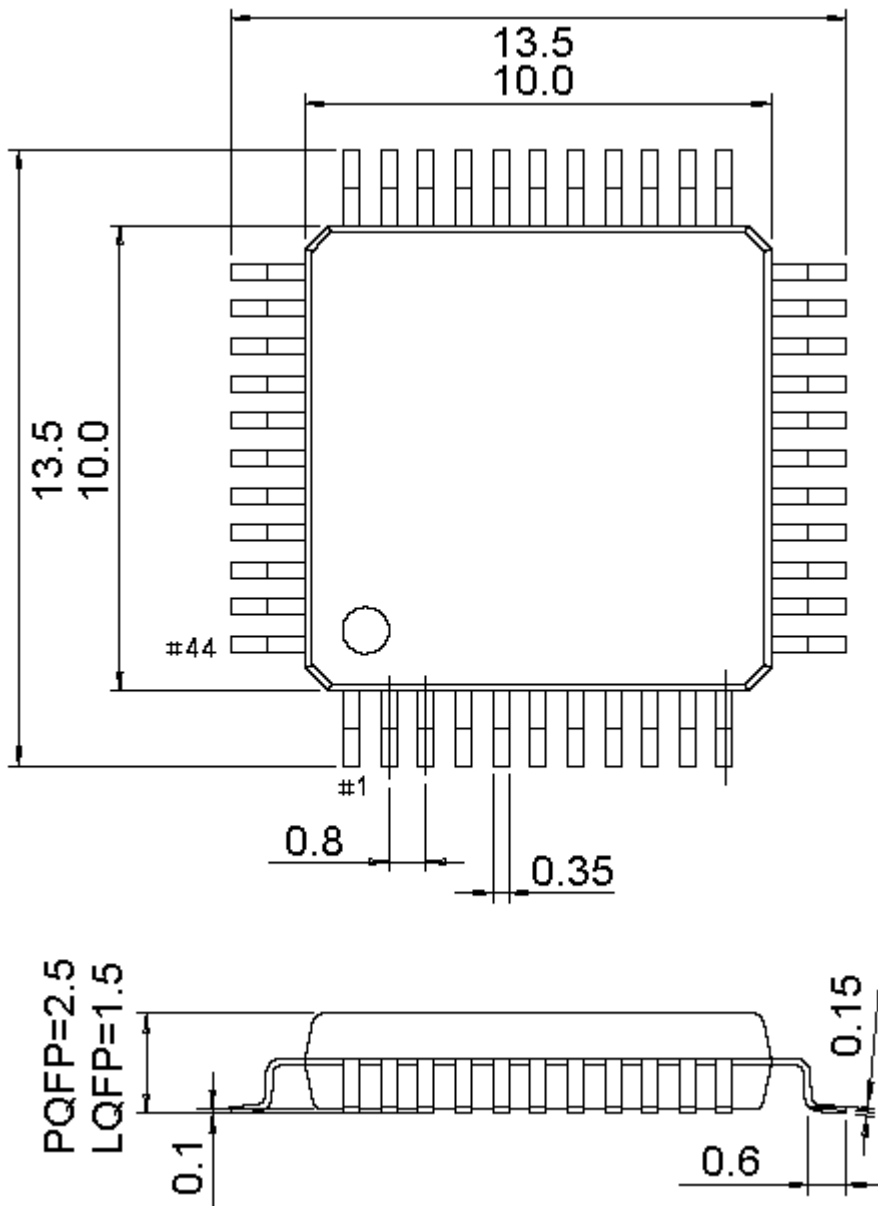


QSOP28 (SSOP28-150mil-0.635)

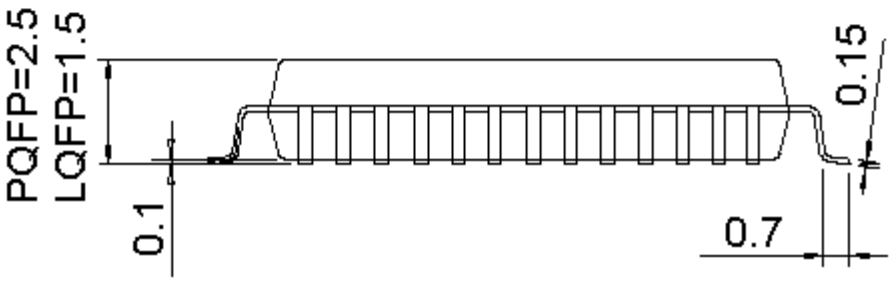
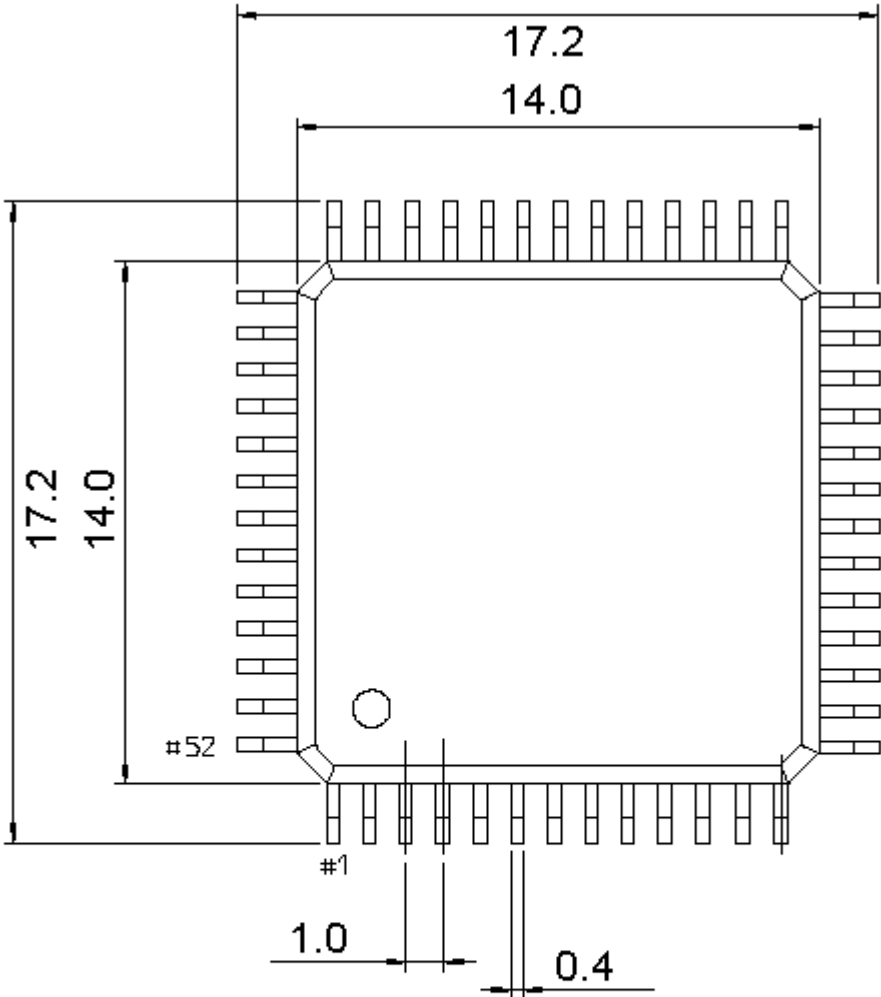


## QFP 类 (PQFP、LQFP、TQFP)

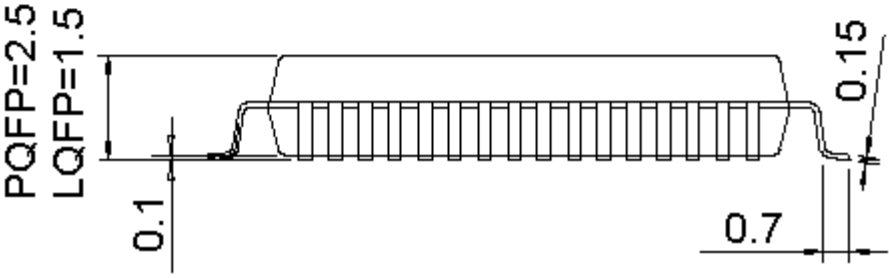
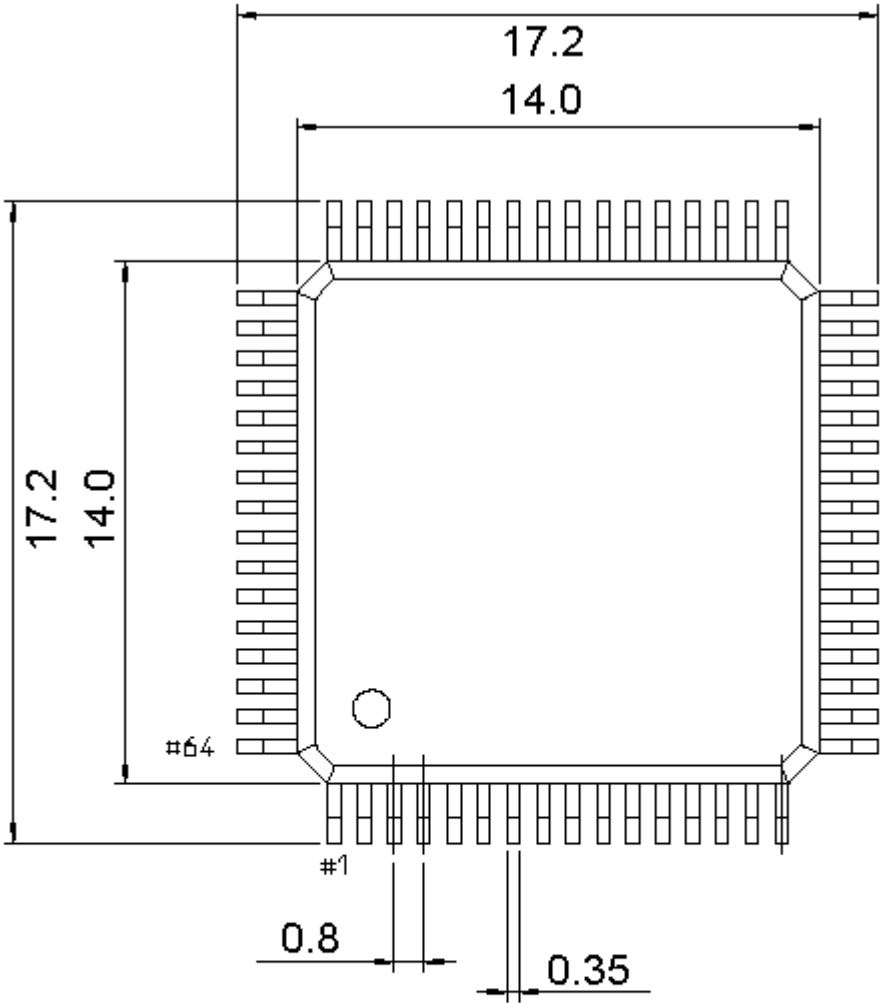
## PQFP44 (QFP44)



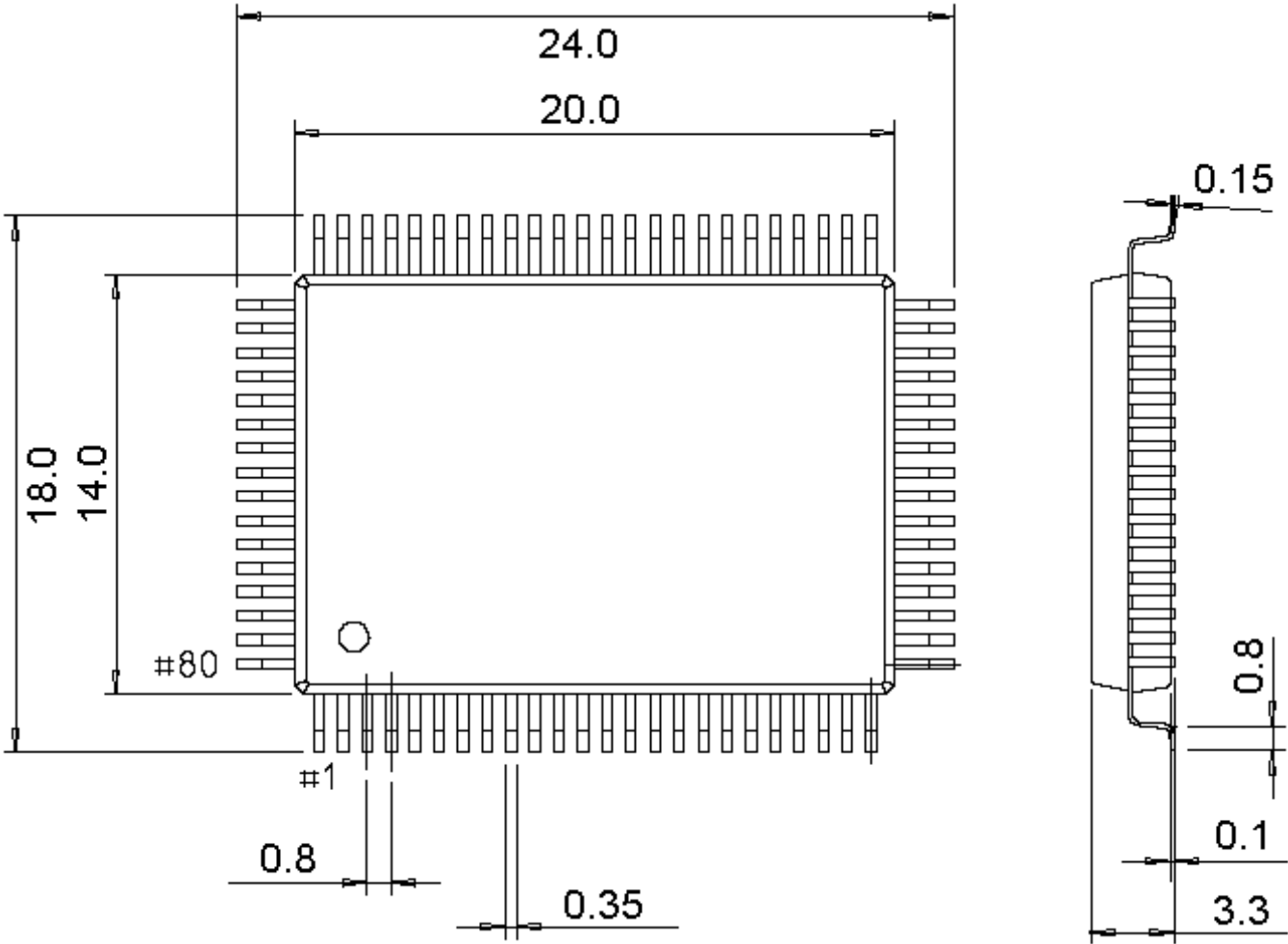
PQFP52 (QFP52)



PQFP64 (QFP64)、LQFP64-14\*14

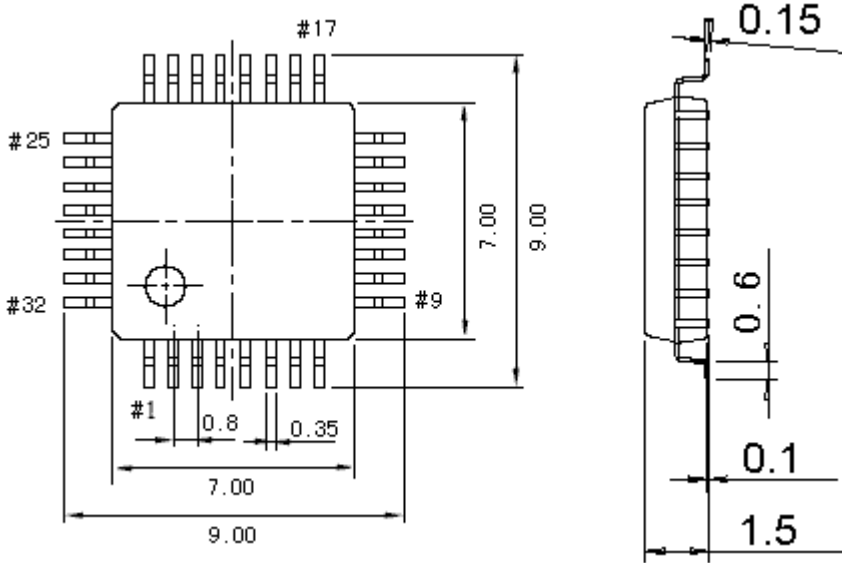


PQFP80 (QFP80)

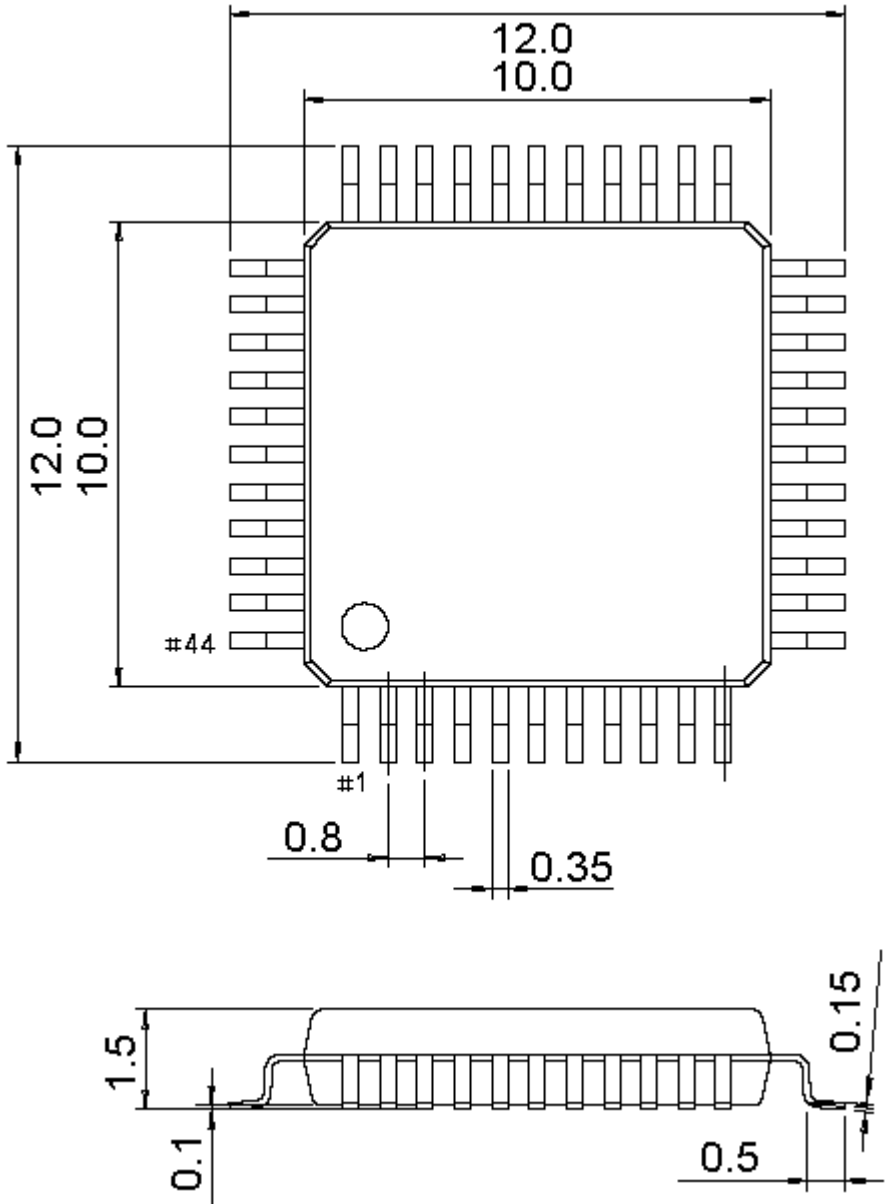




LQFP32 (LQFP32-7\*7)

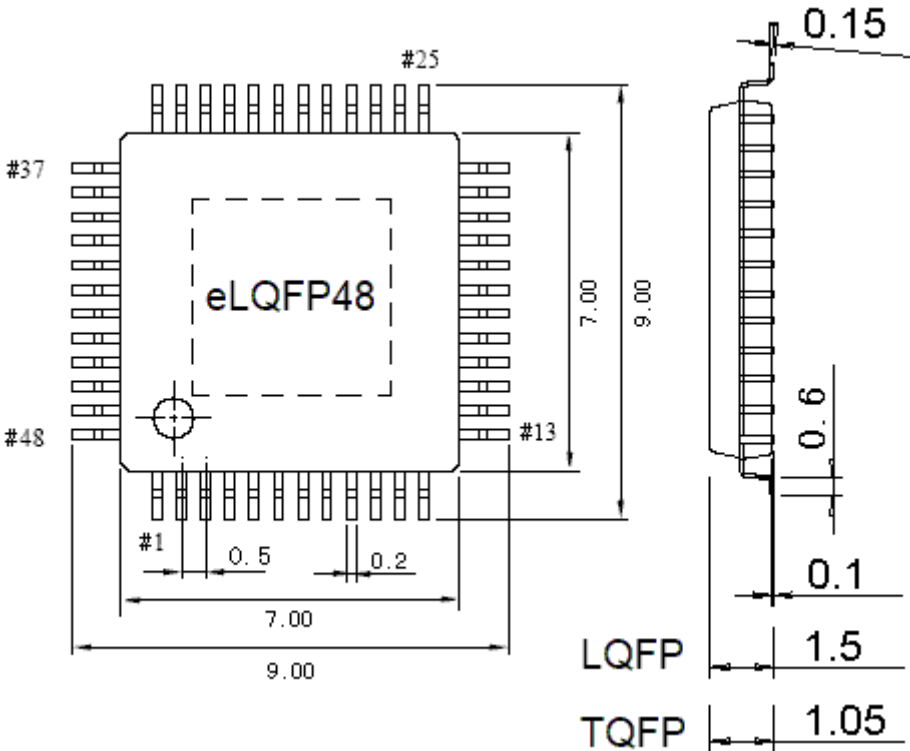


LQFP44 (LQFP44-10\*10)



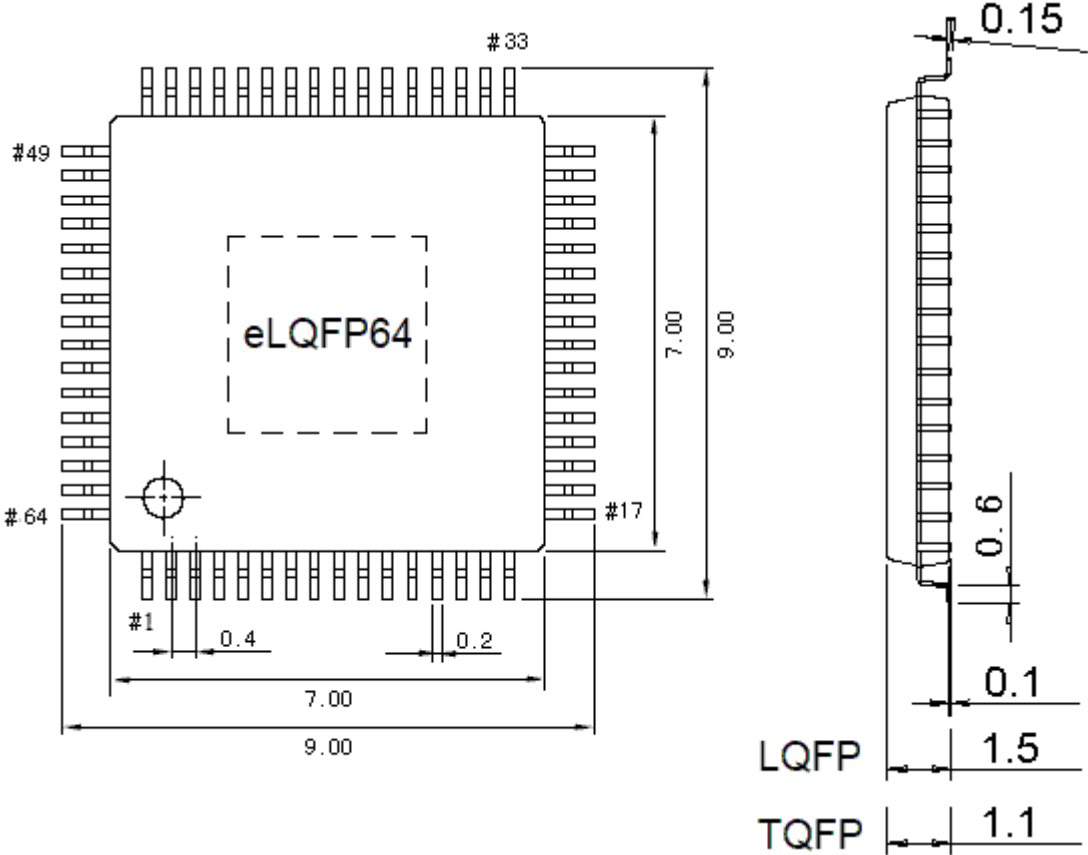
LQFP48 (LQFP48-7\*7)、TQFP48、eLQFP48

eLQFP48 Exposed Pad: 3.2\*3.2

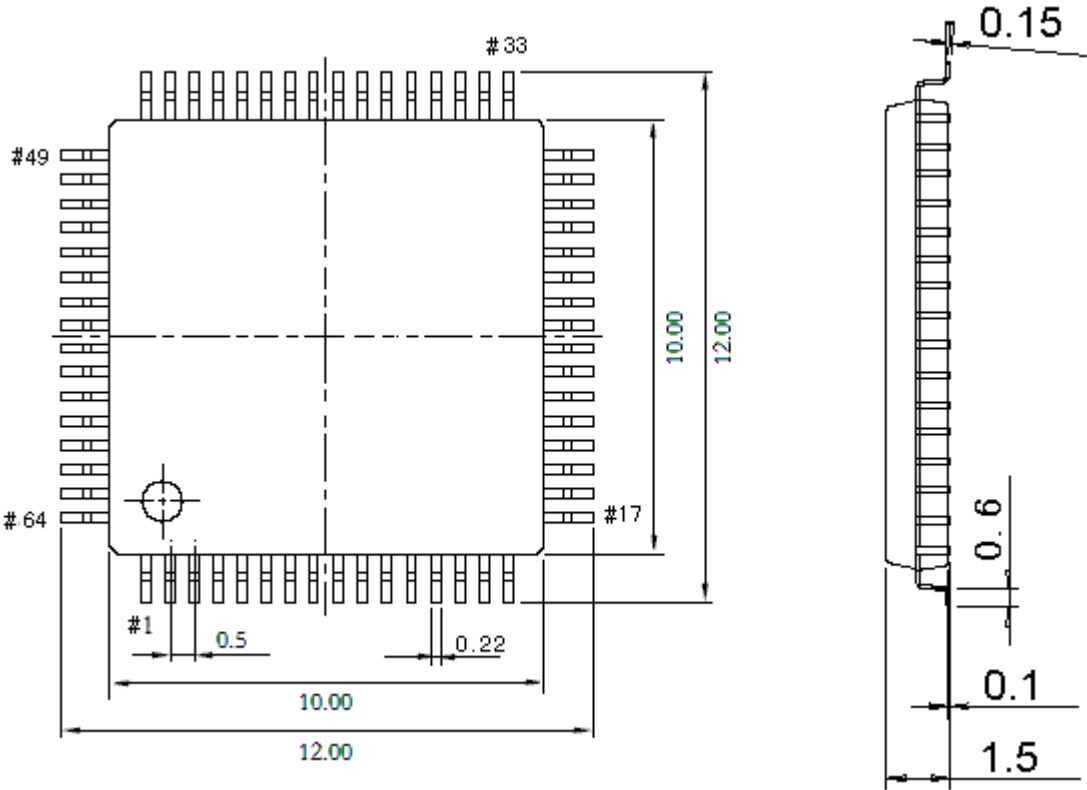


LQFP64 (LQFP64-7\*7)、TQFP64、eLQFP64

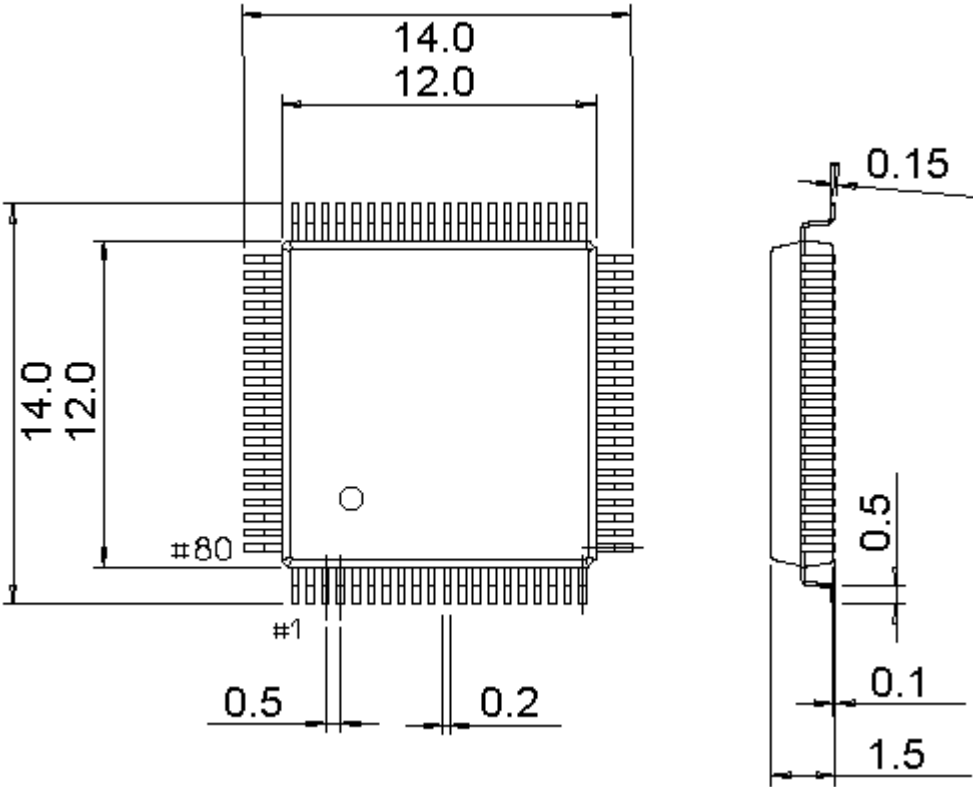
eLQFP64 Exposed Pad: 3.2\*3.2



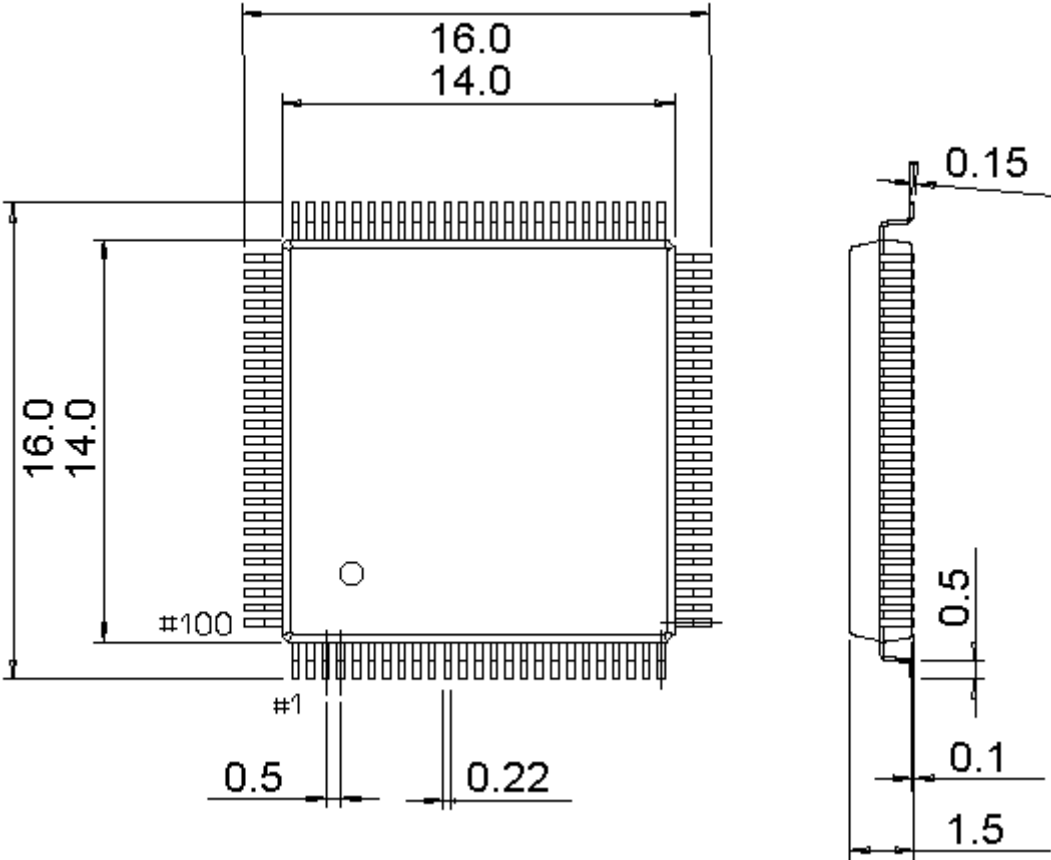
LQFP64M (LQFP64-10\*10)



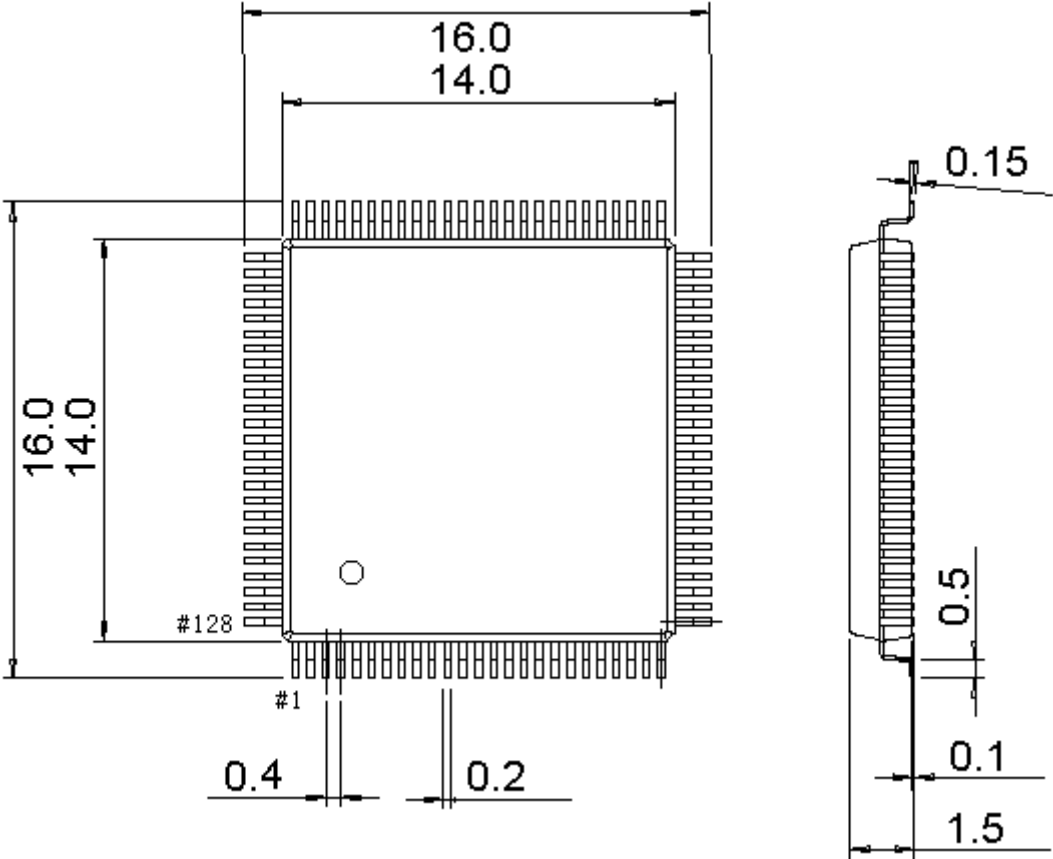
LQFP80 (LQFP80-12\*12)



LQFP100 (LQFP100-14\*14)

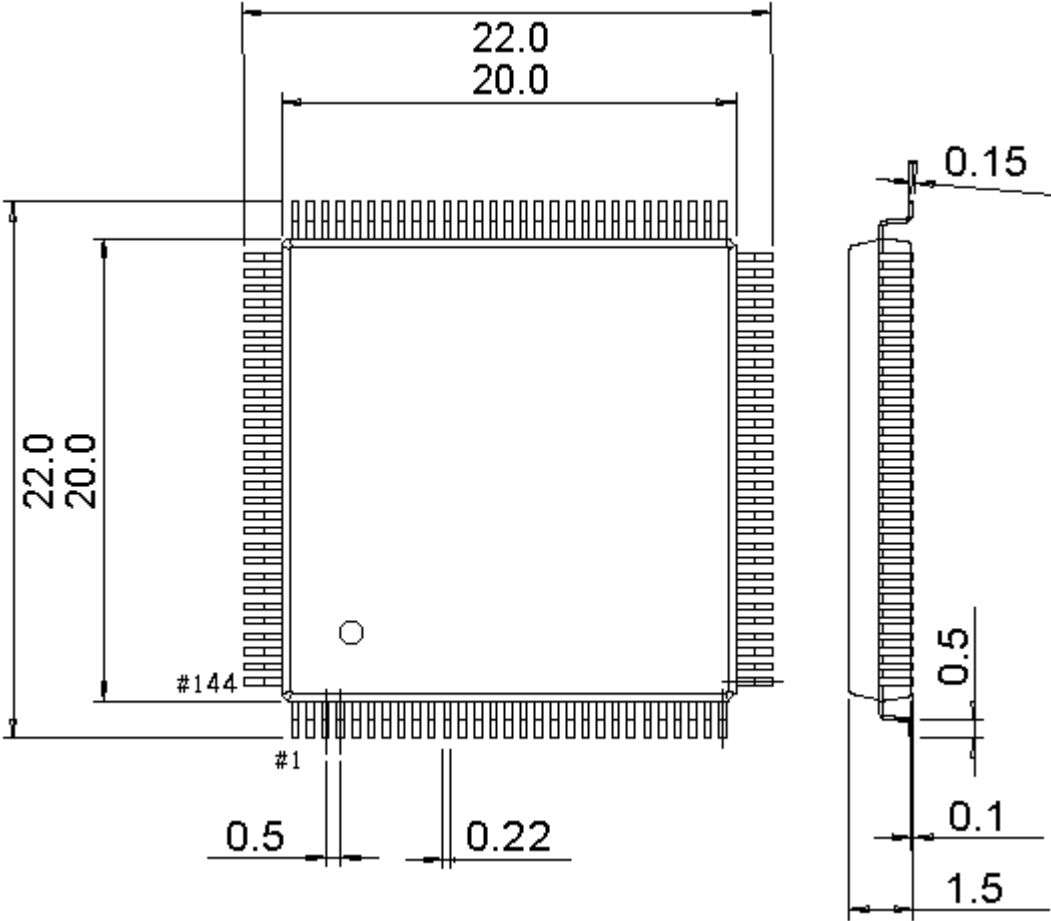


LQFP128 (LQFP128-14\*14)



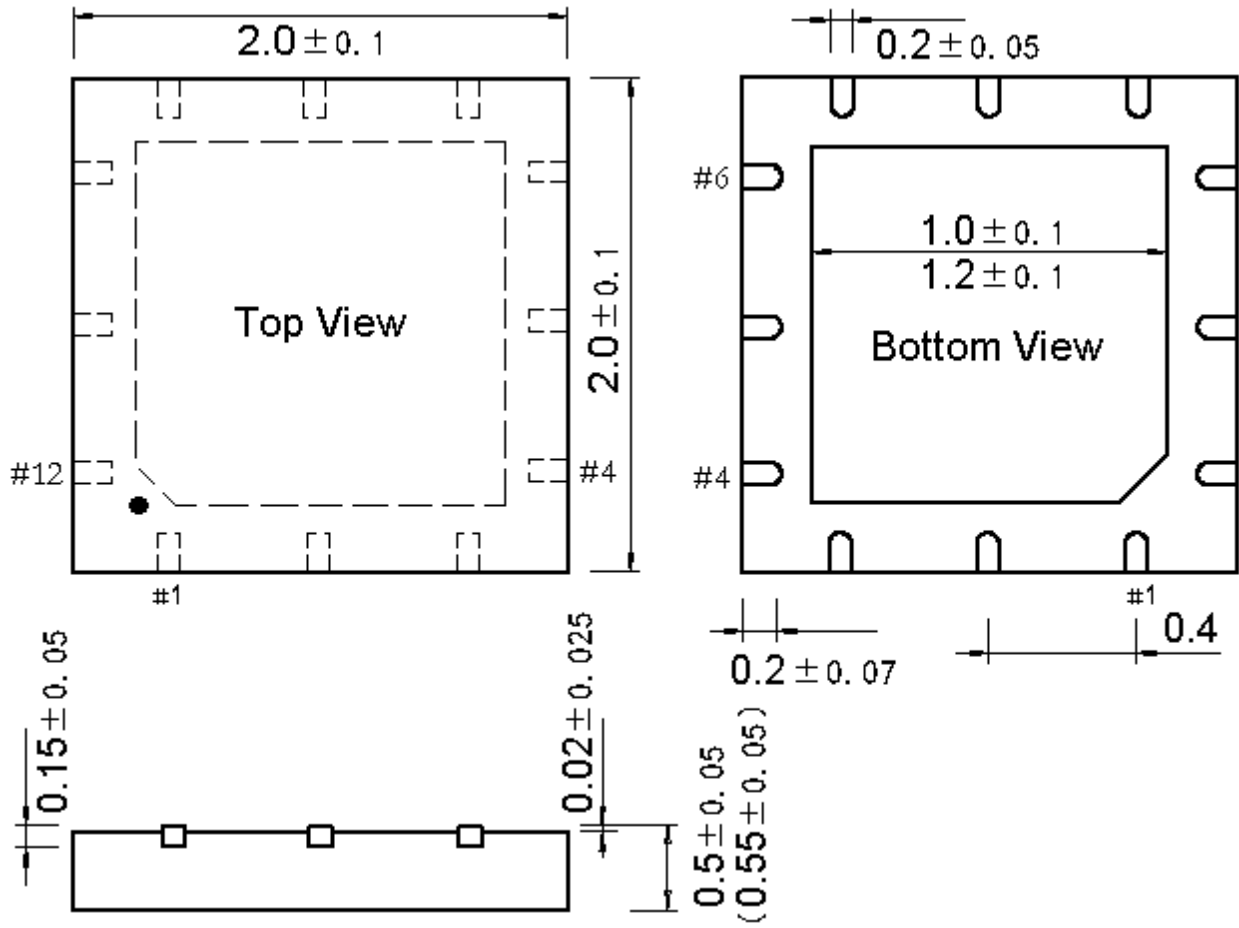


LQFP144 (LQFP144-20\*20)

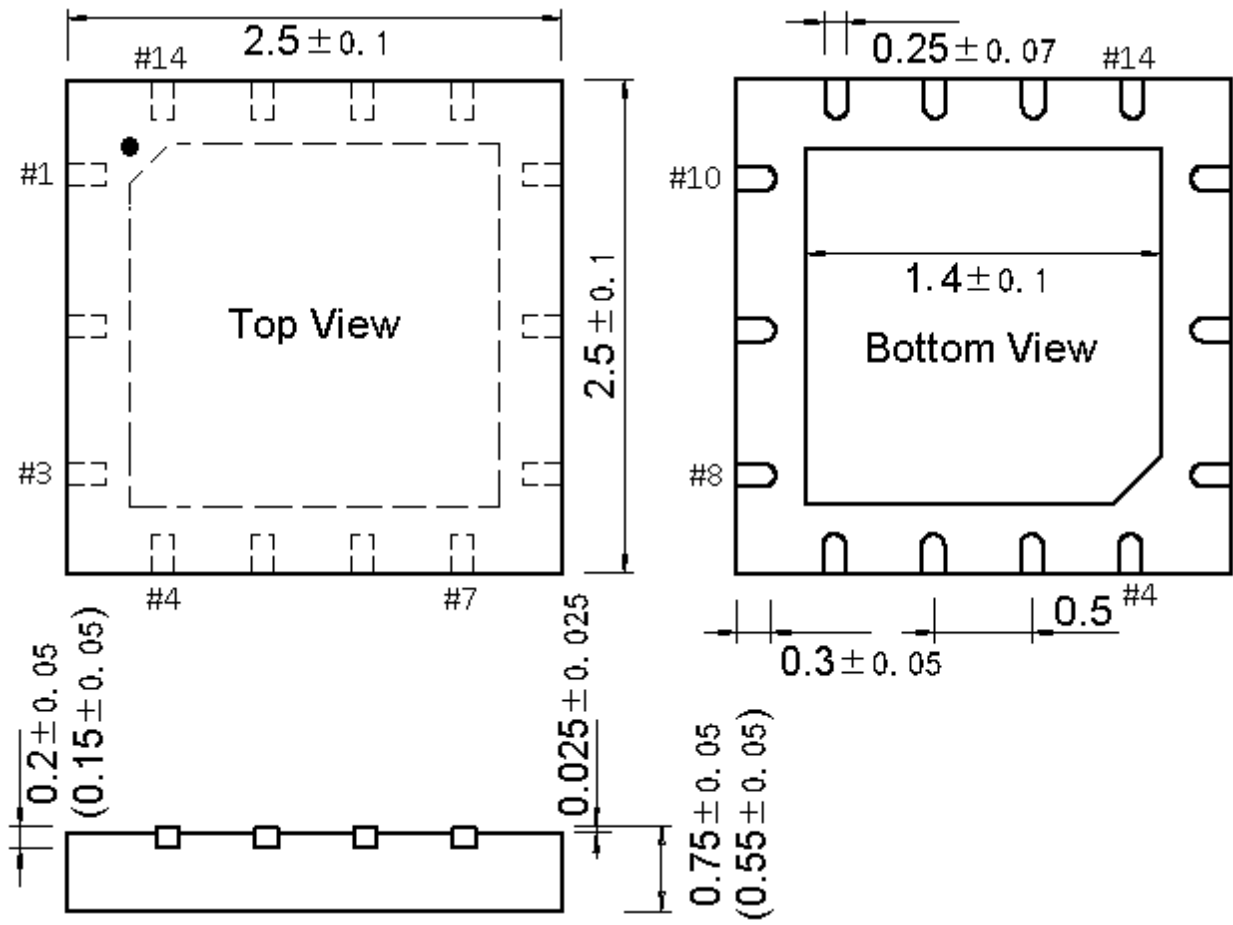


QFN 类

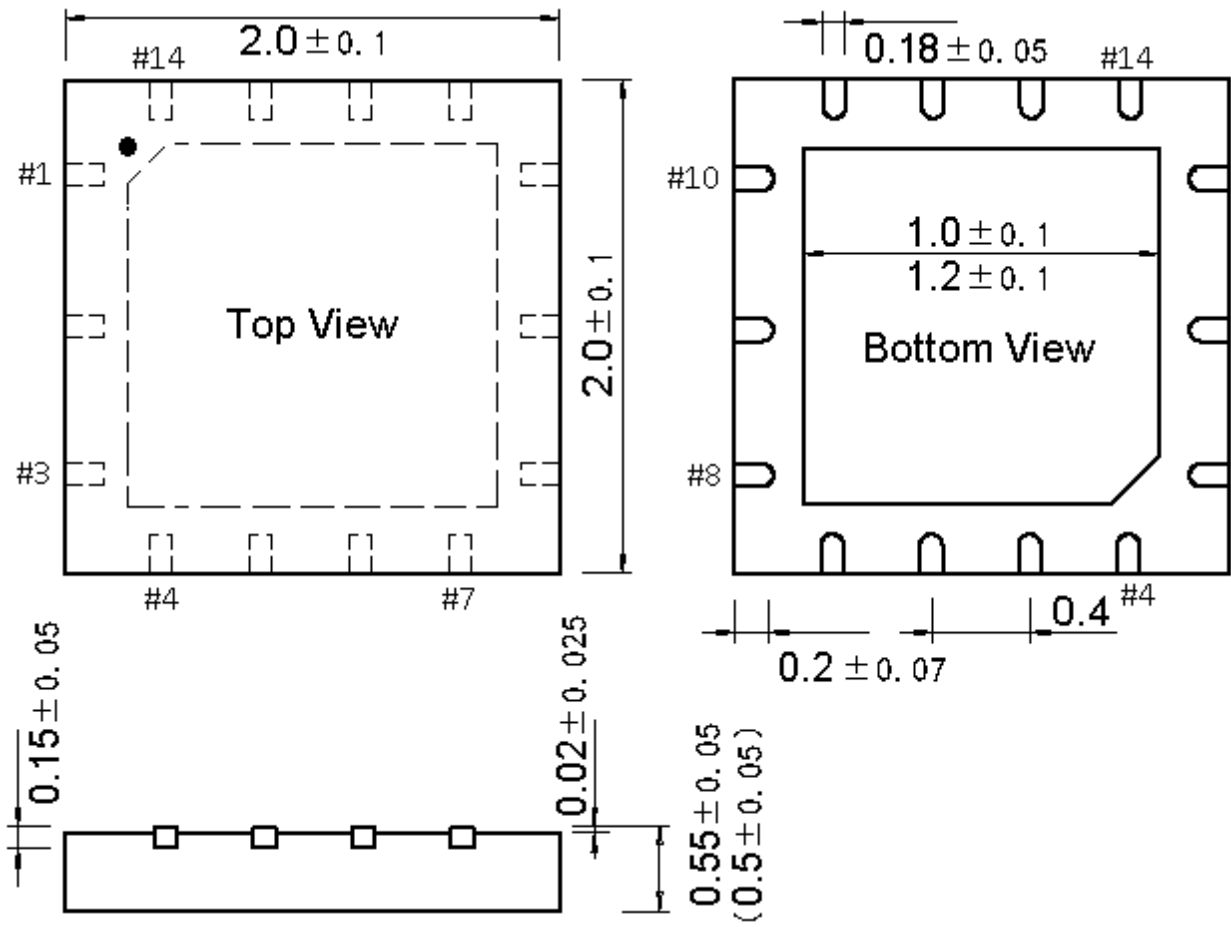
QFN12 (QFN12-2\*2\*0.5-0.4)



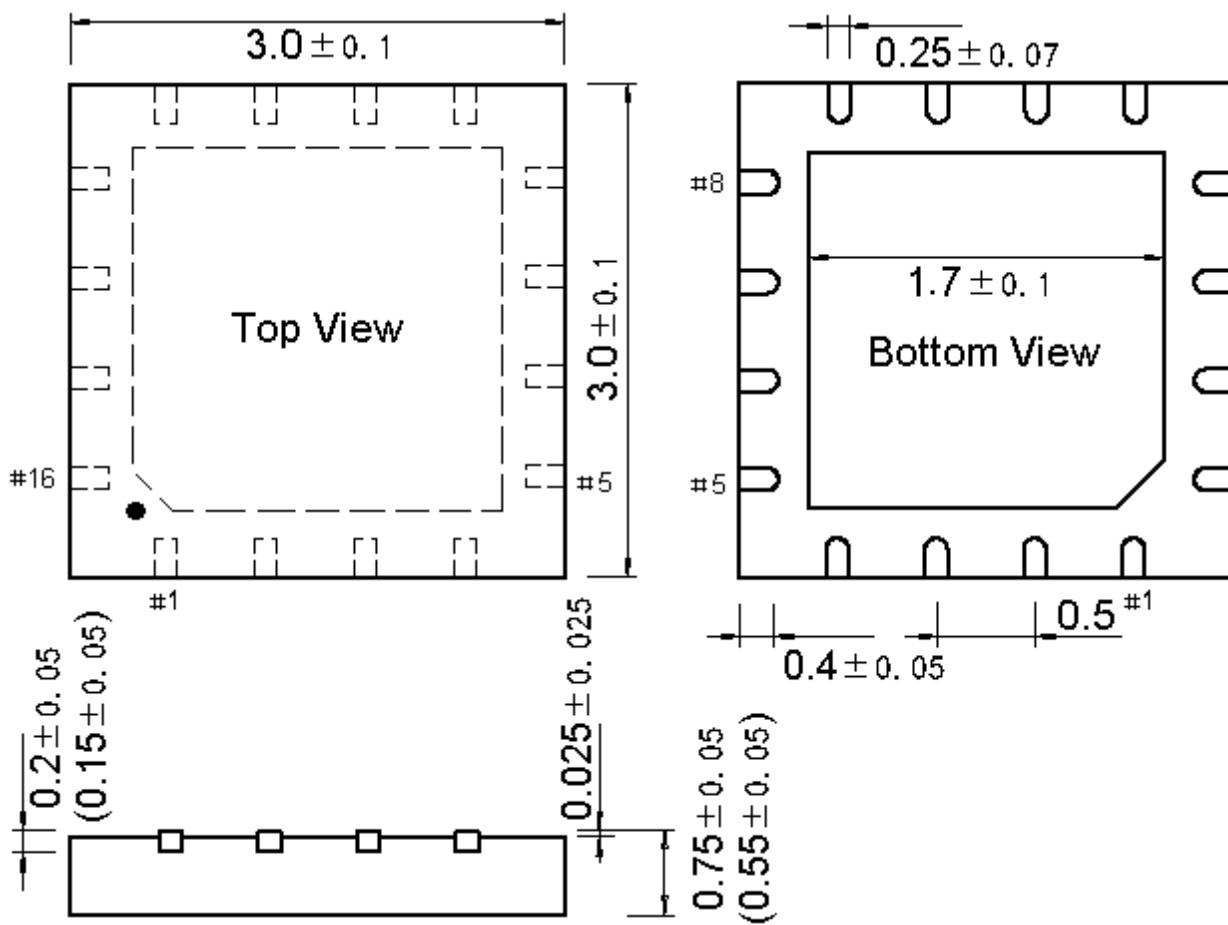
QFN14 (QFN14-2.5\*2.5\*0.75-0.5)



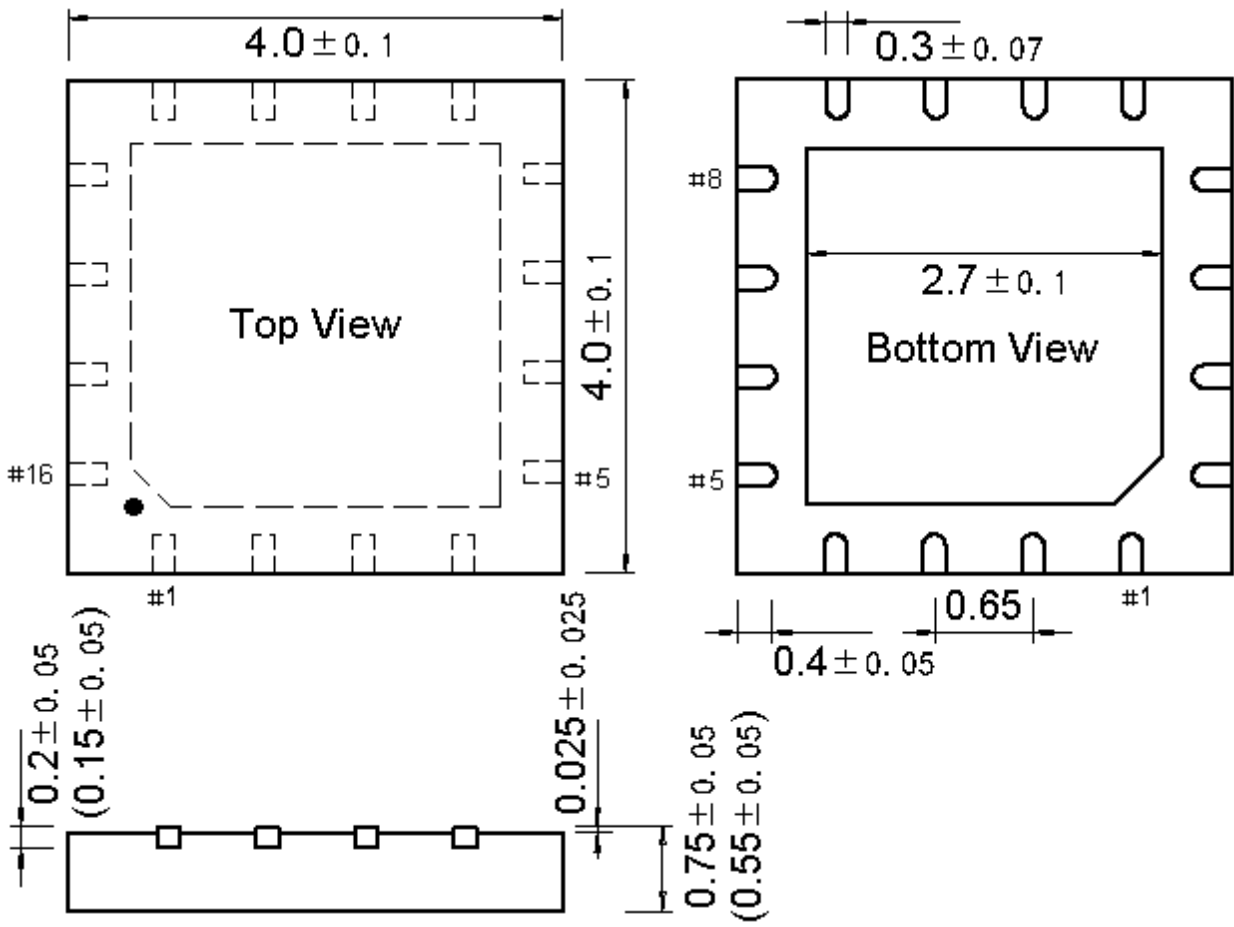
QFN14X2 (QFN14-2\*2\*0.55-0.4)



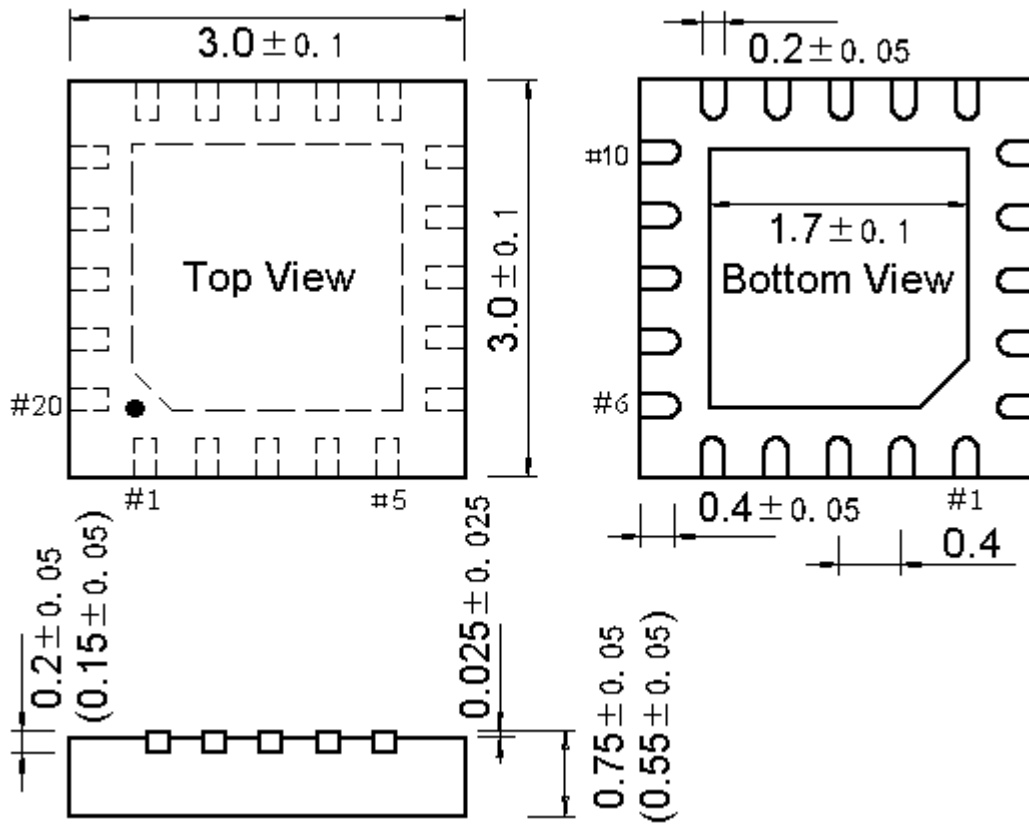
QFN16 (QFN16-3\*3)



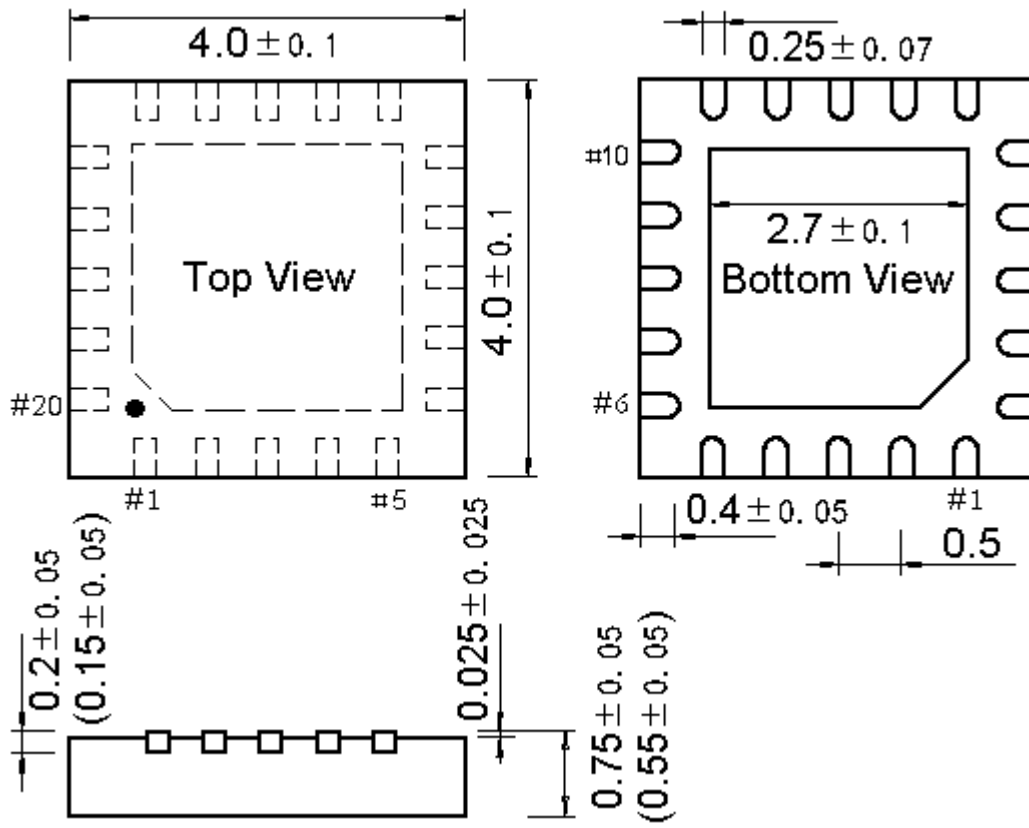
QFN16X4 (QFN16-4\*4)



QFN20 (QFN20-3\*3)

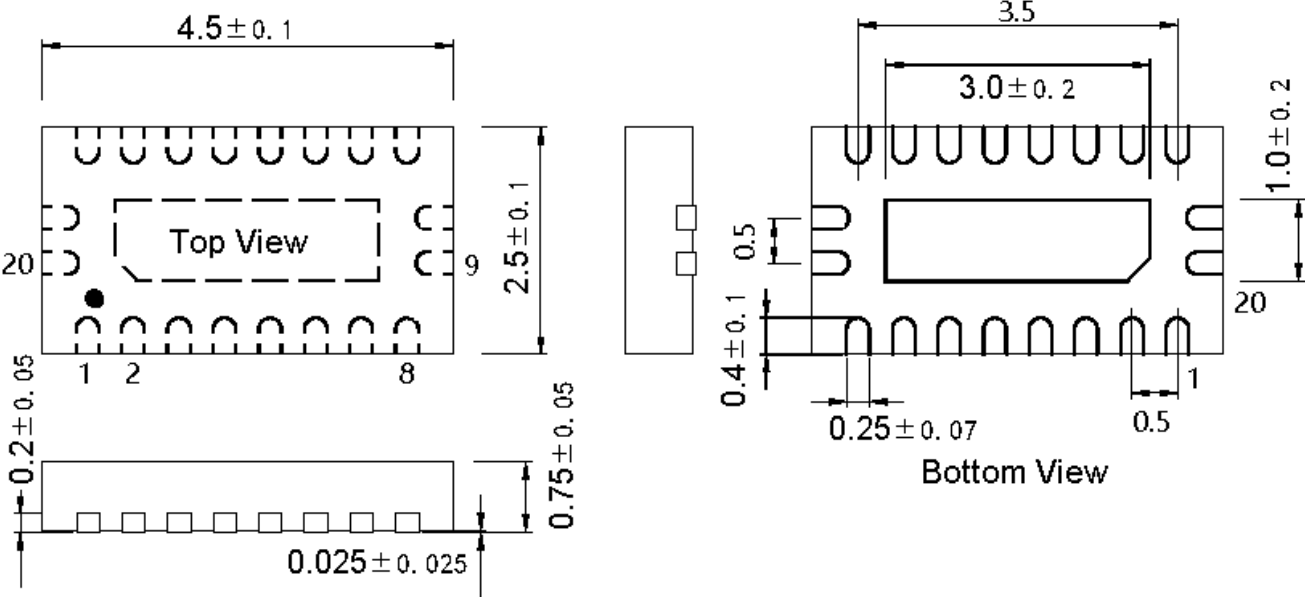


QFN20X4 (QFN20-4\*4)

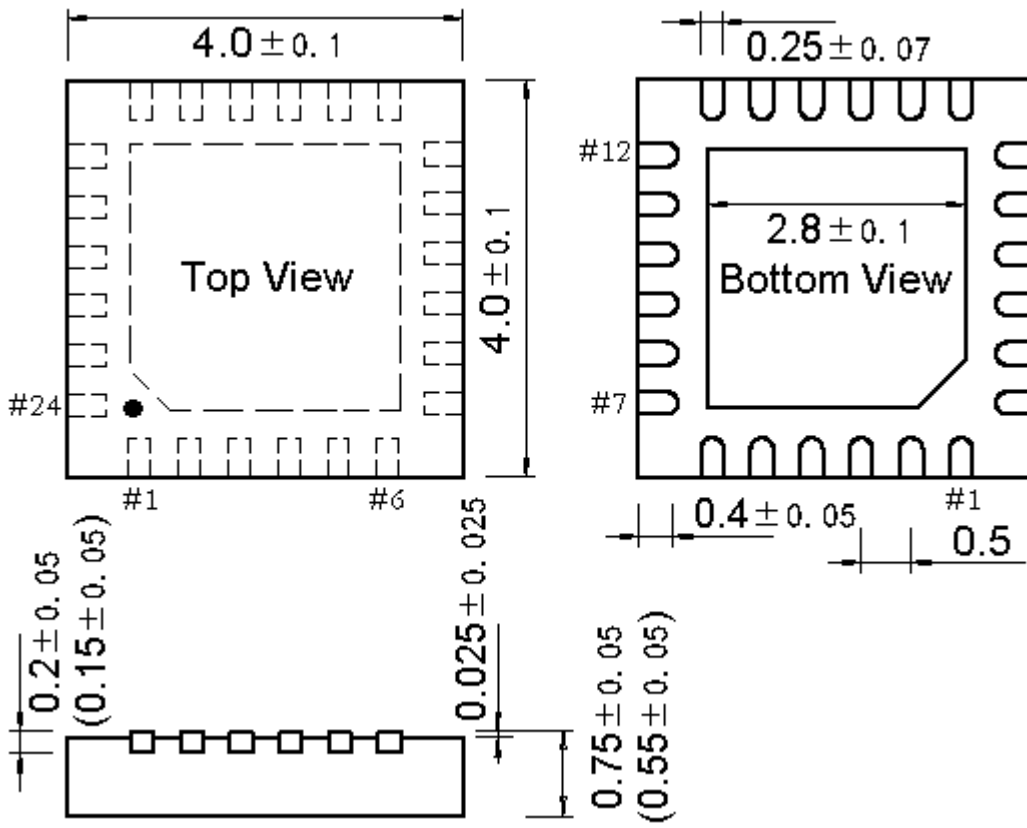




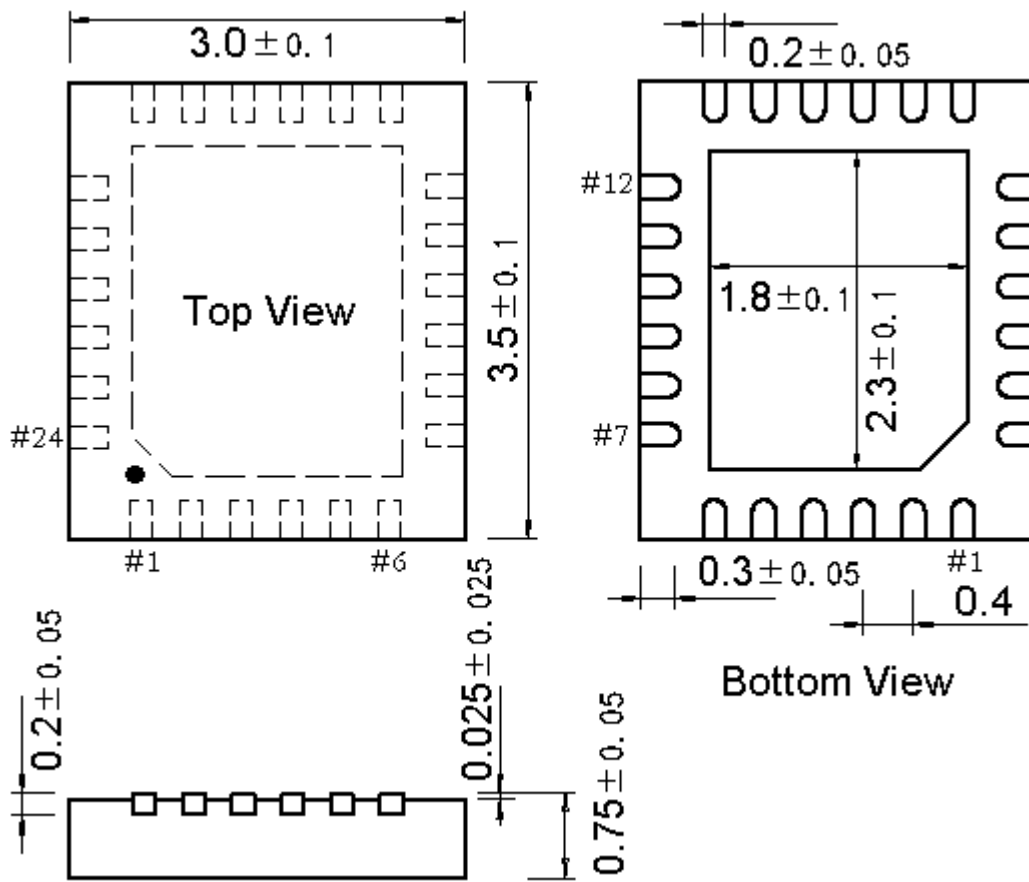
QFN20-2.5\*4.5



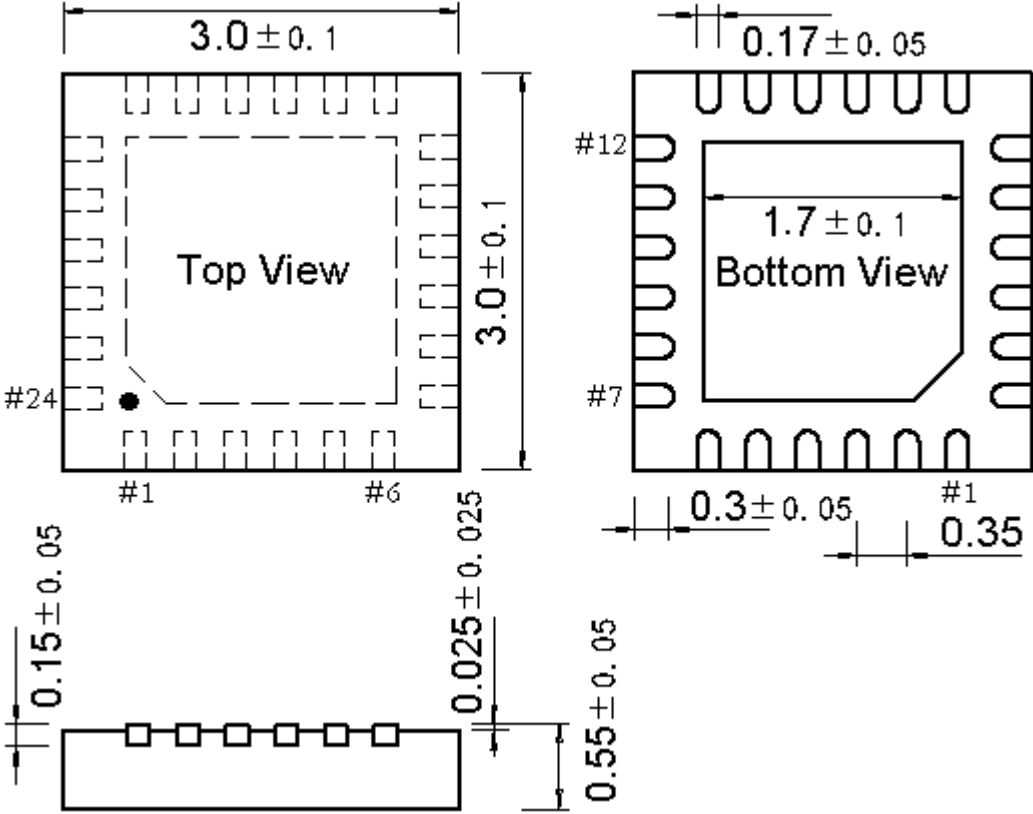
QFN24 (QFN24-4\*4)



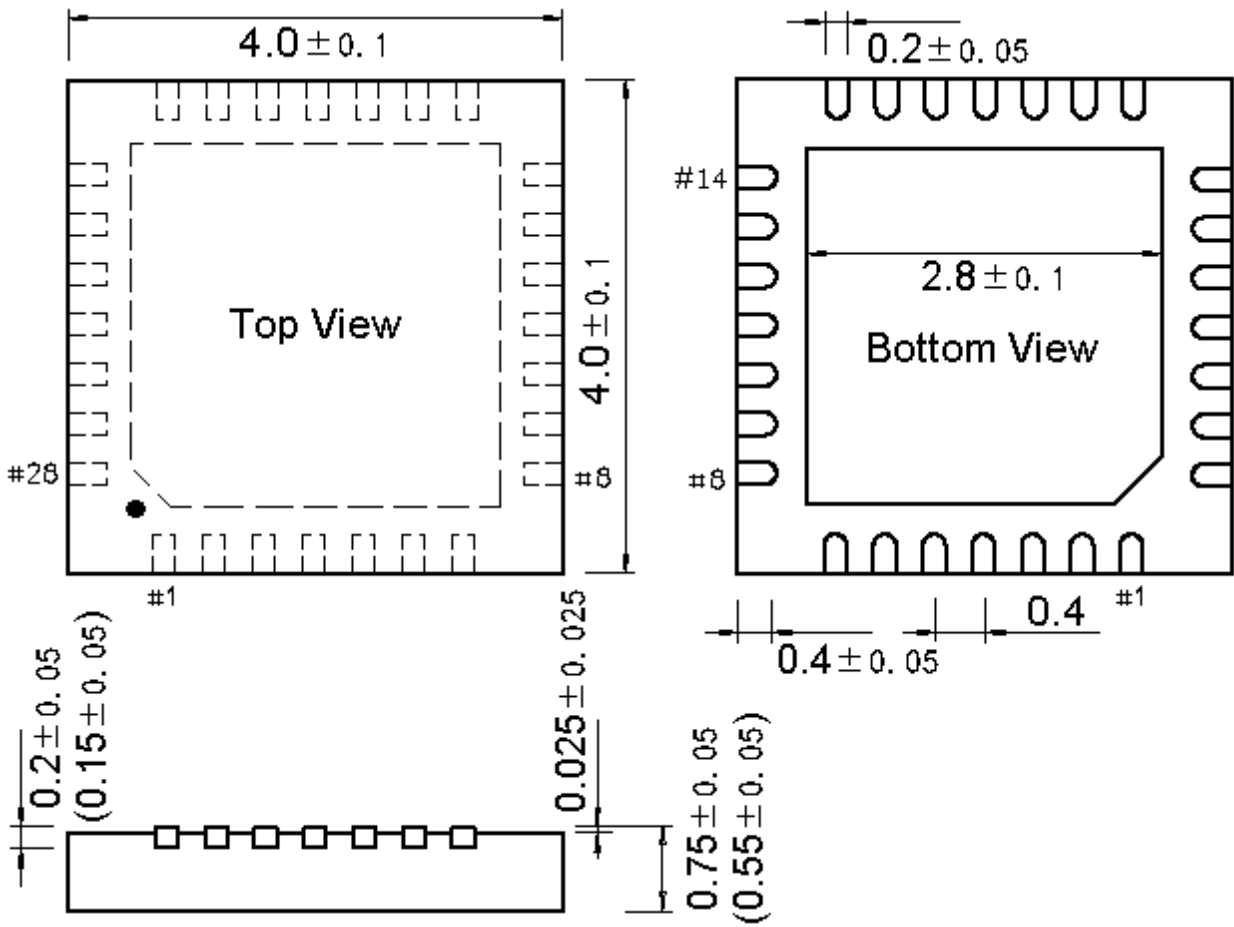
QFN24-3\*3.5



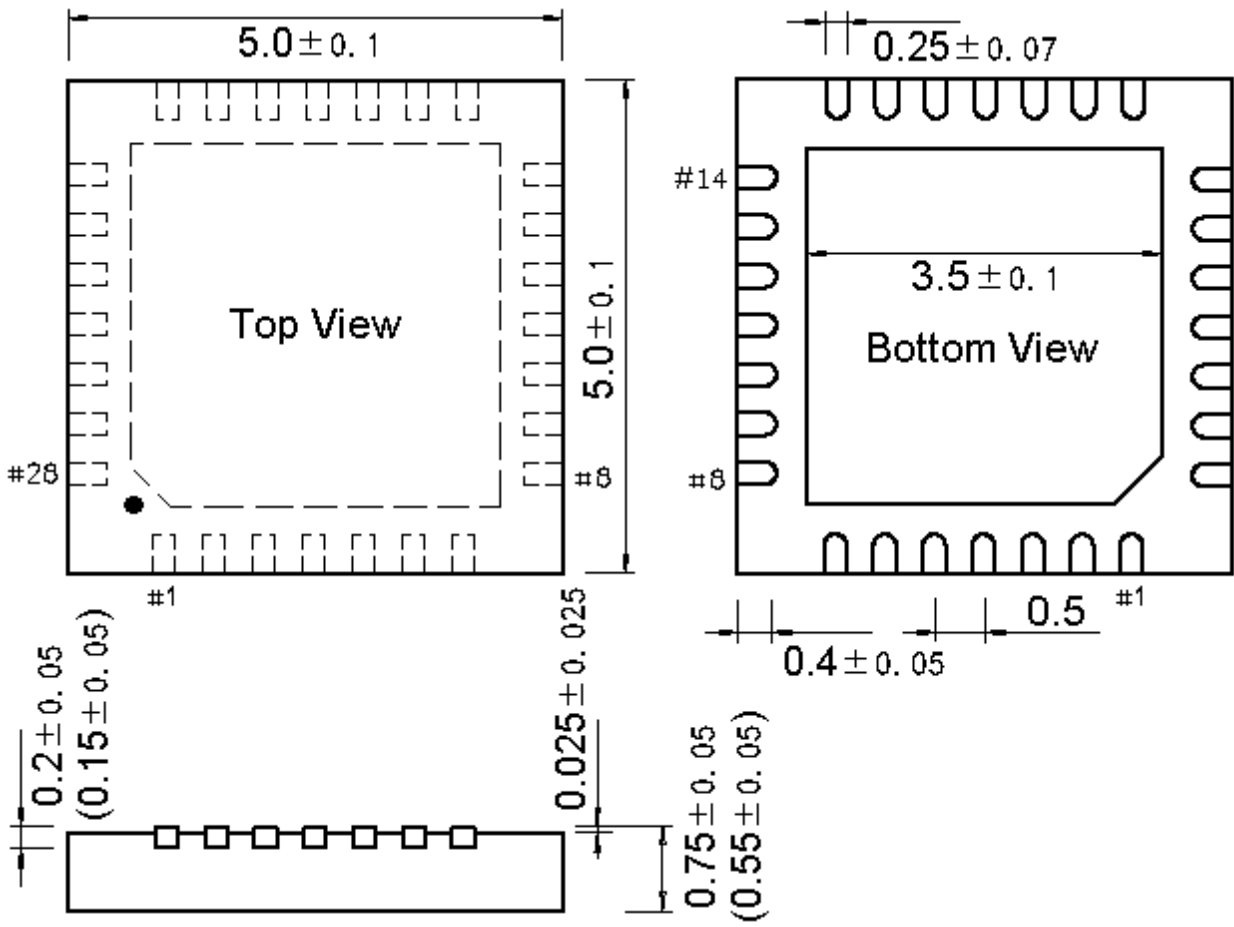
QFN24X3 (QFN24-3\*3\*0.55-0.35)



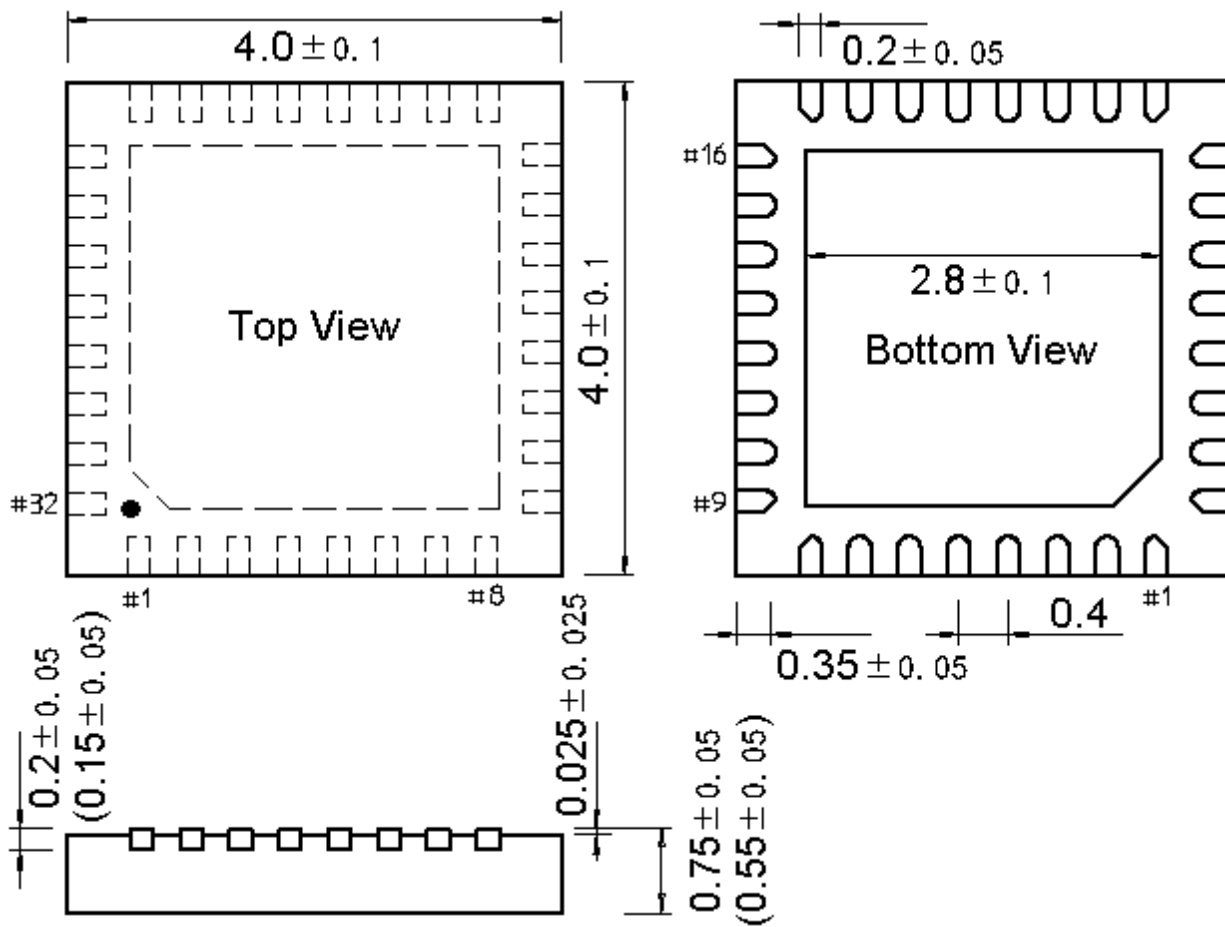
QFN28 (QFN28-4\*4)



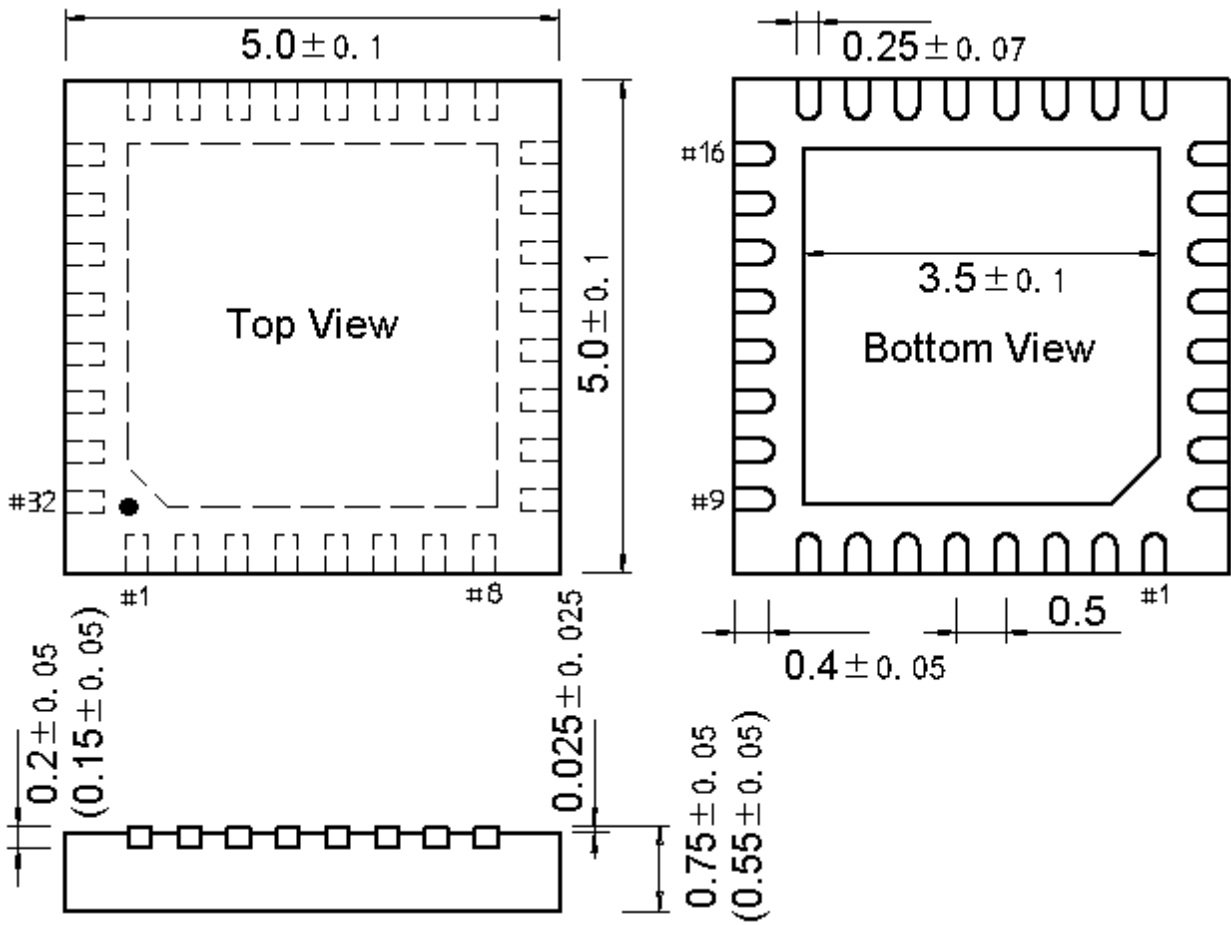
QFN28X5 (QFN28-5\*5)



QFN32 (QFN32-4\*4)

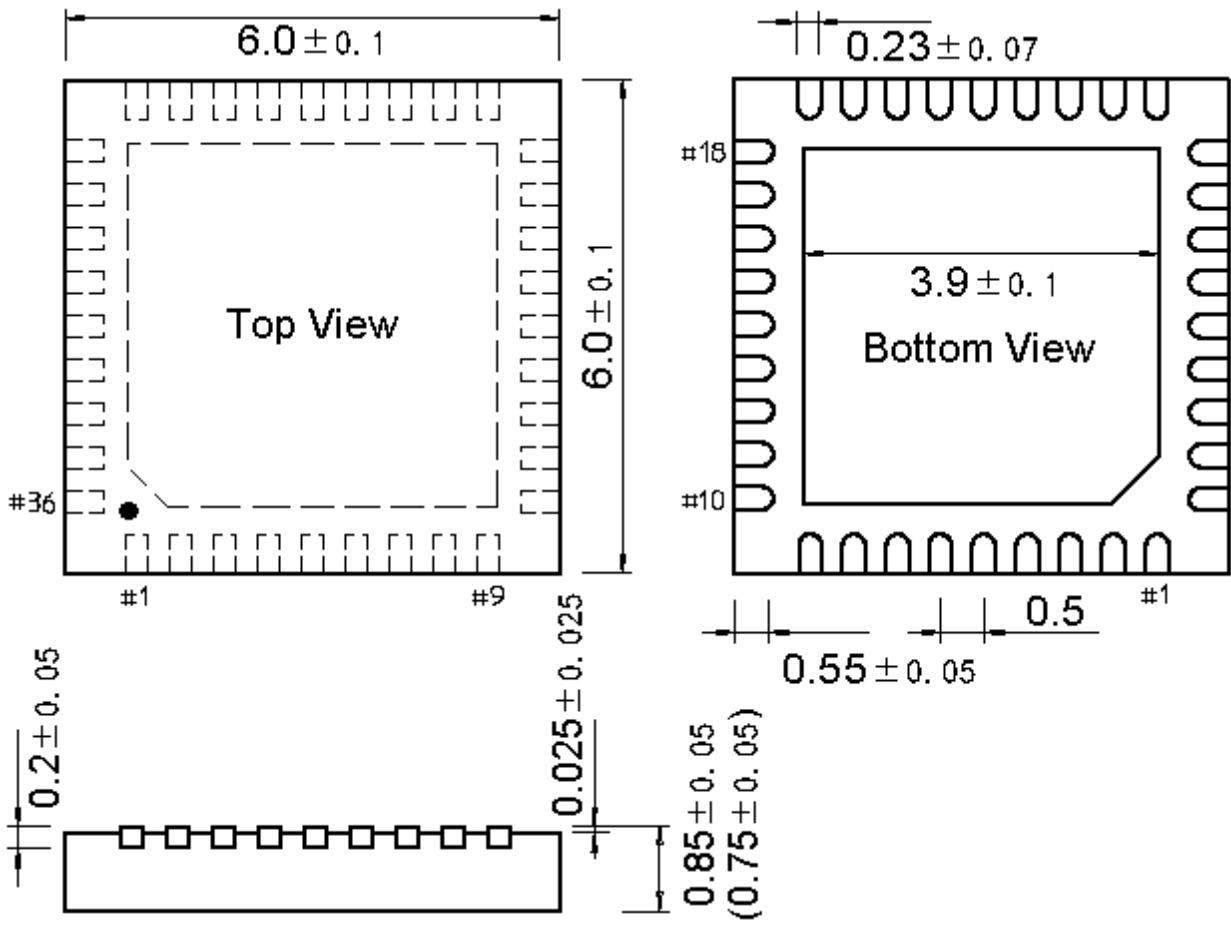


QFN32X5 (QFN32-5\*5)

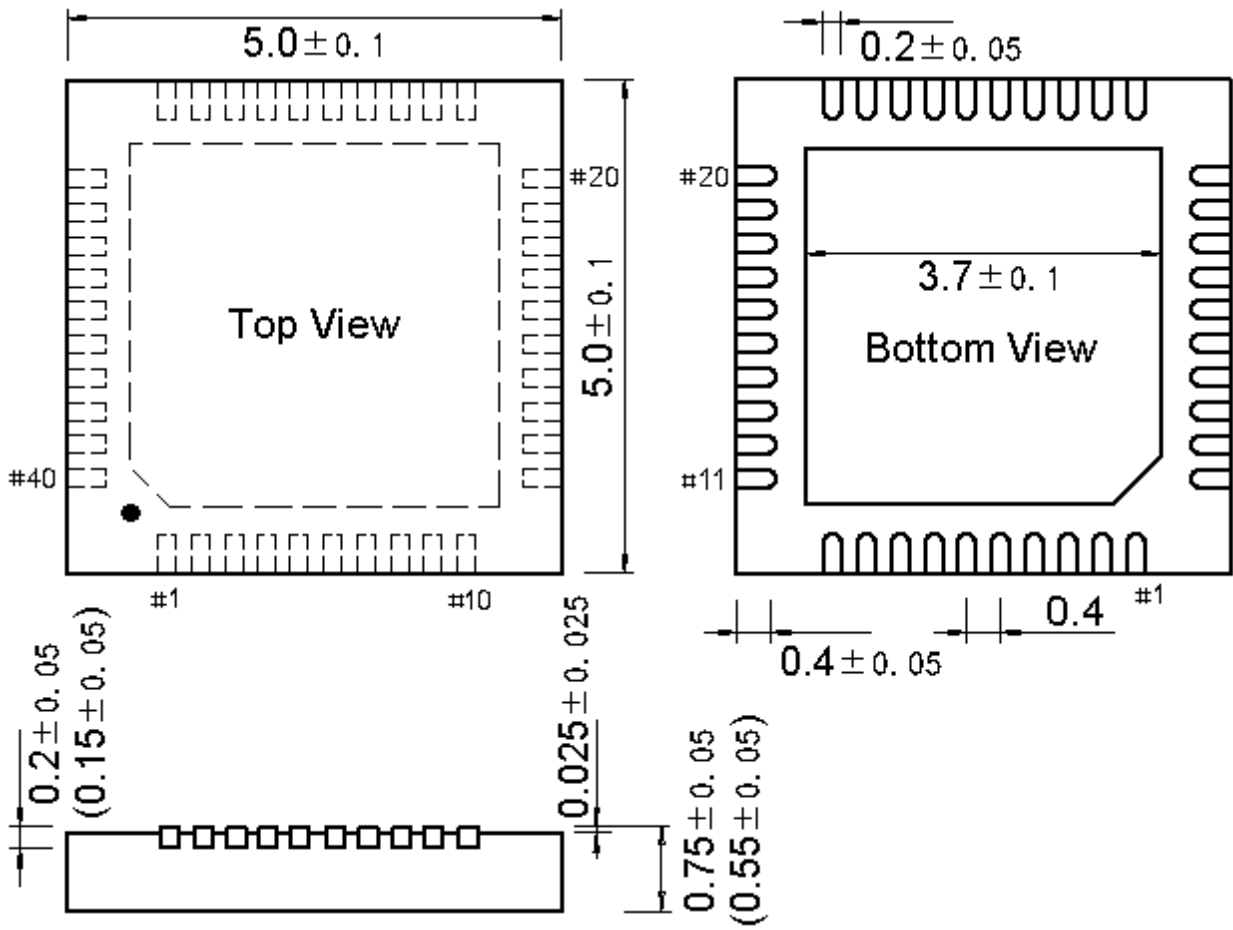




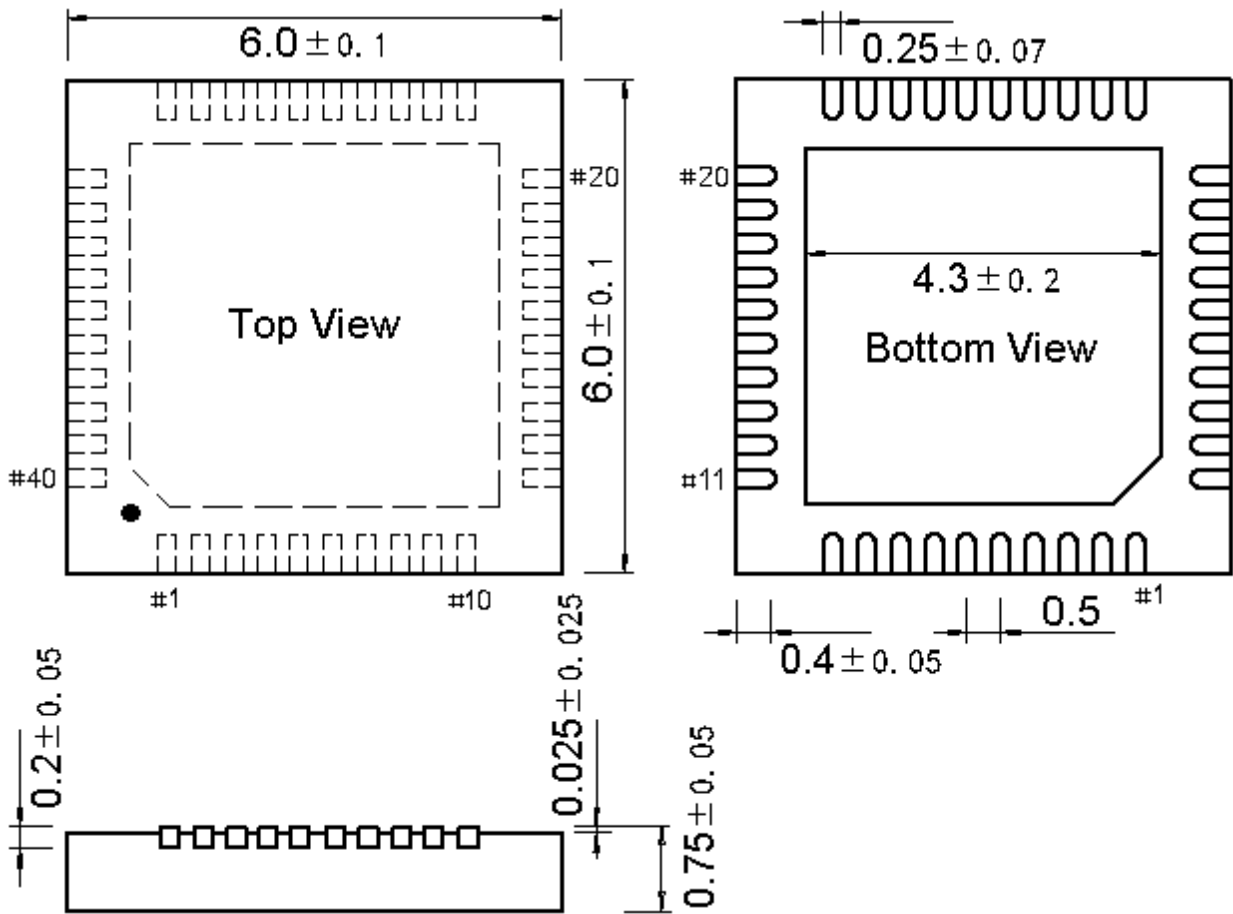
QFN36X6 (QFN36-6\*6)



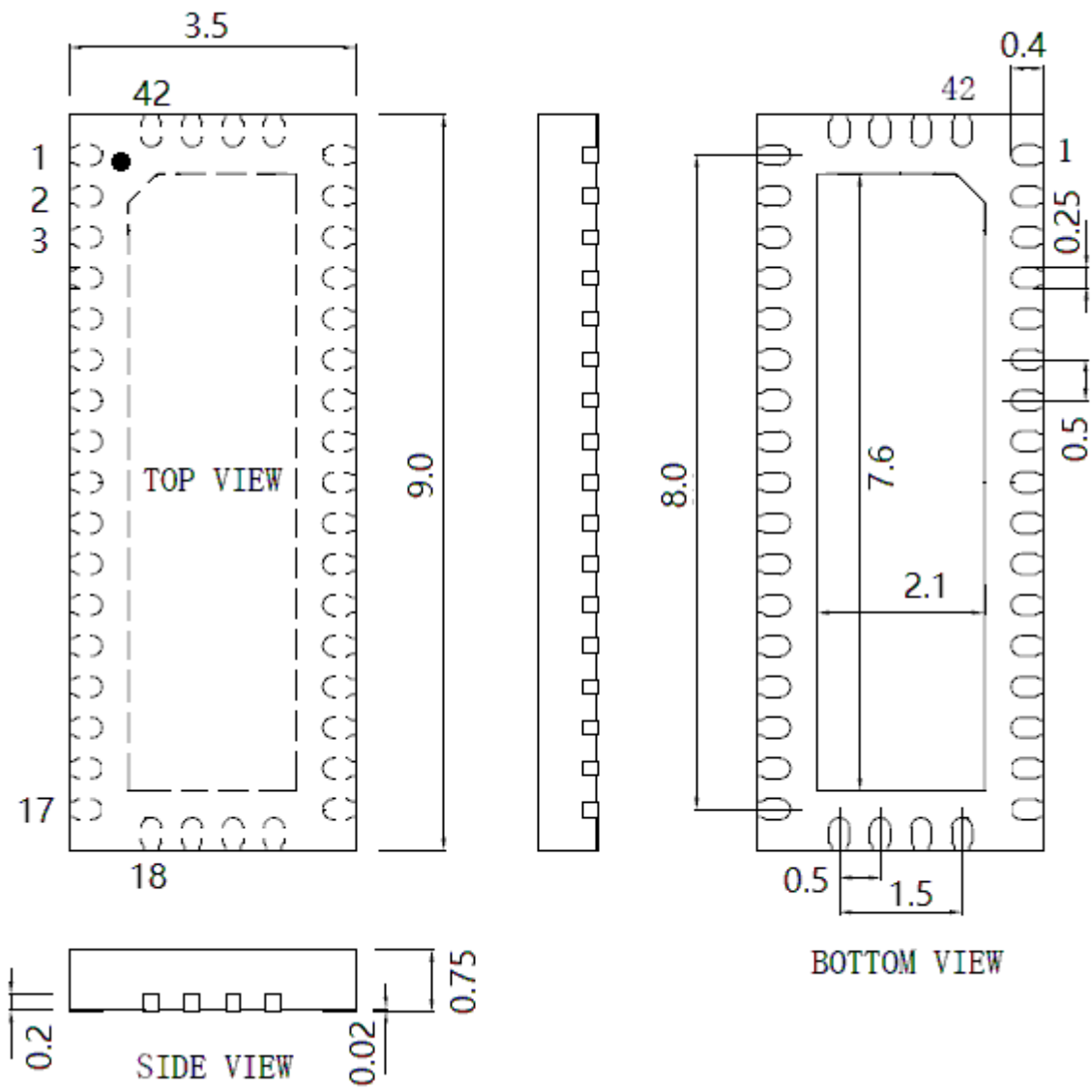
QFN40 (QFN40-5\*5)



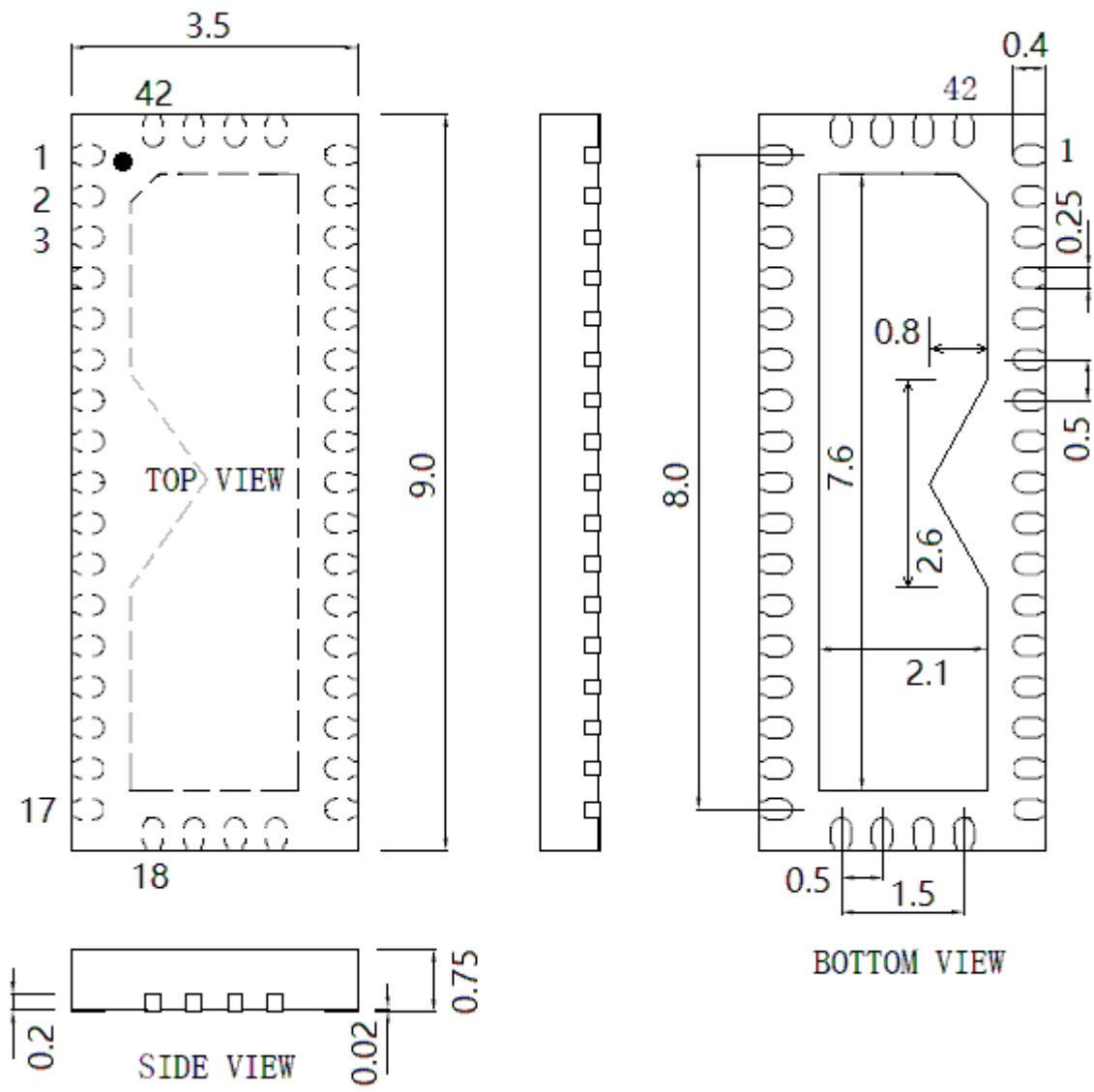
QFN40X6 (QFN40-6\*6)



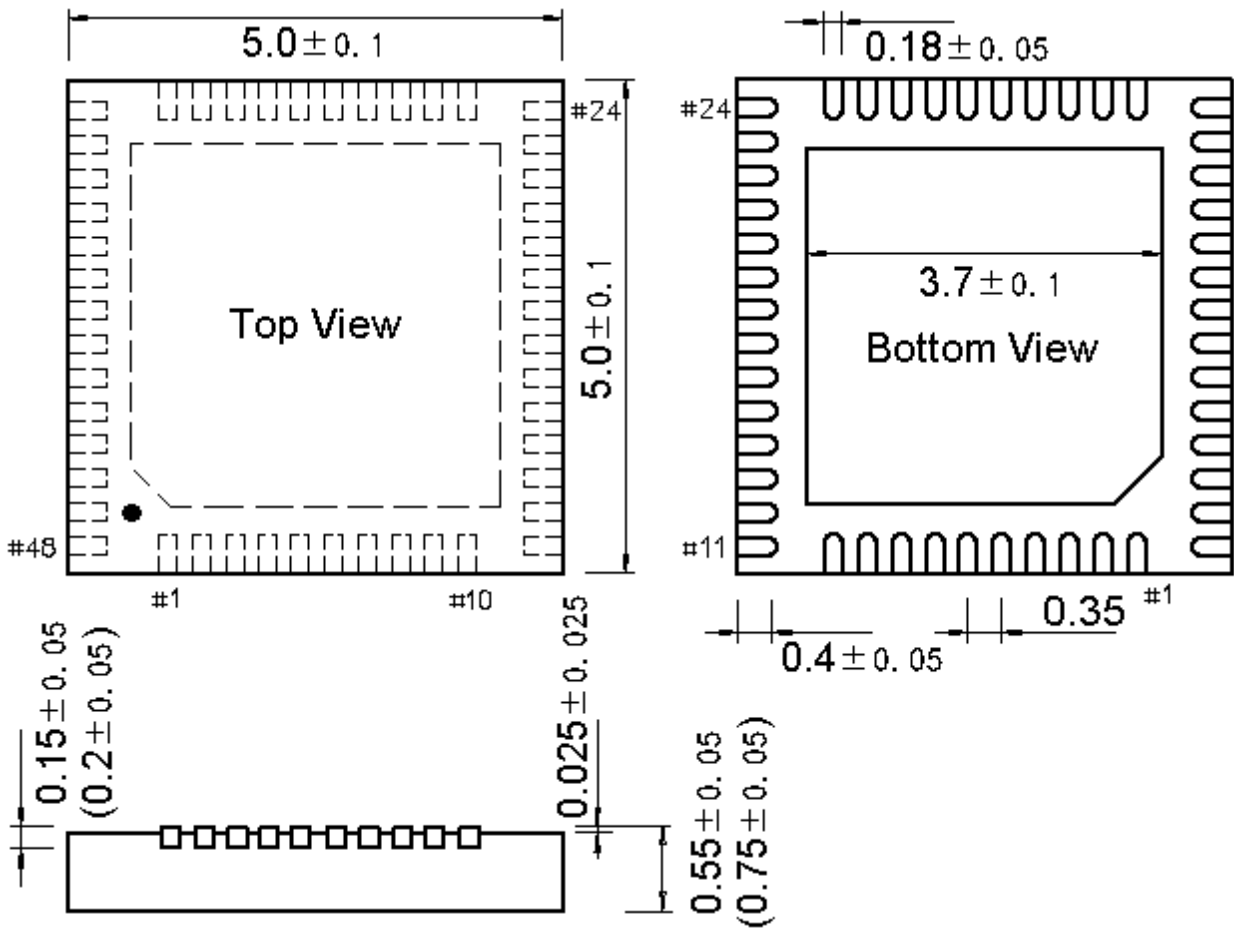
QFN42-3.5\*9



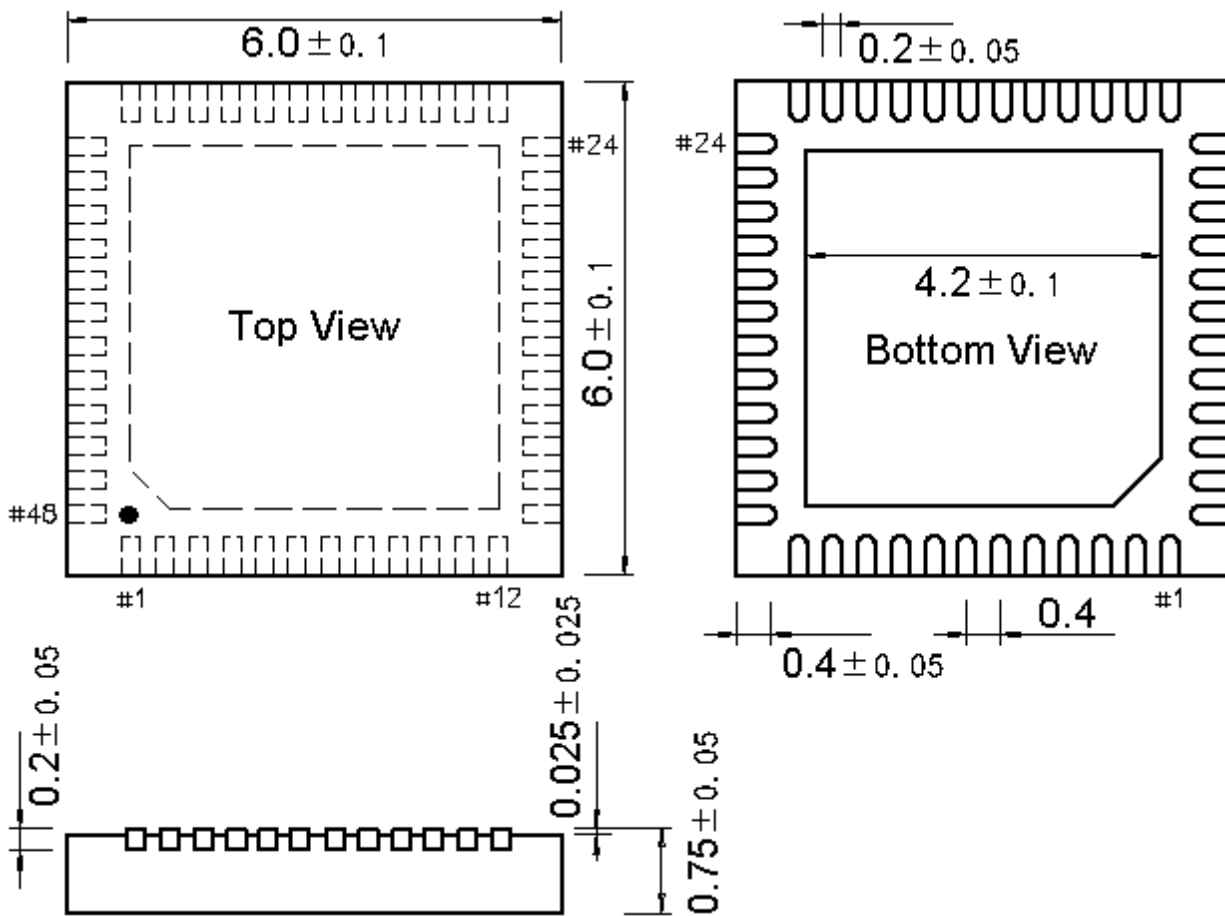
QFN42X-3.5\*9



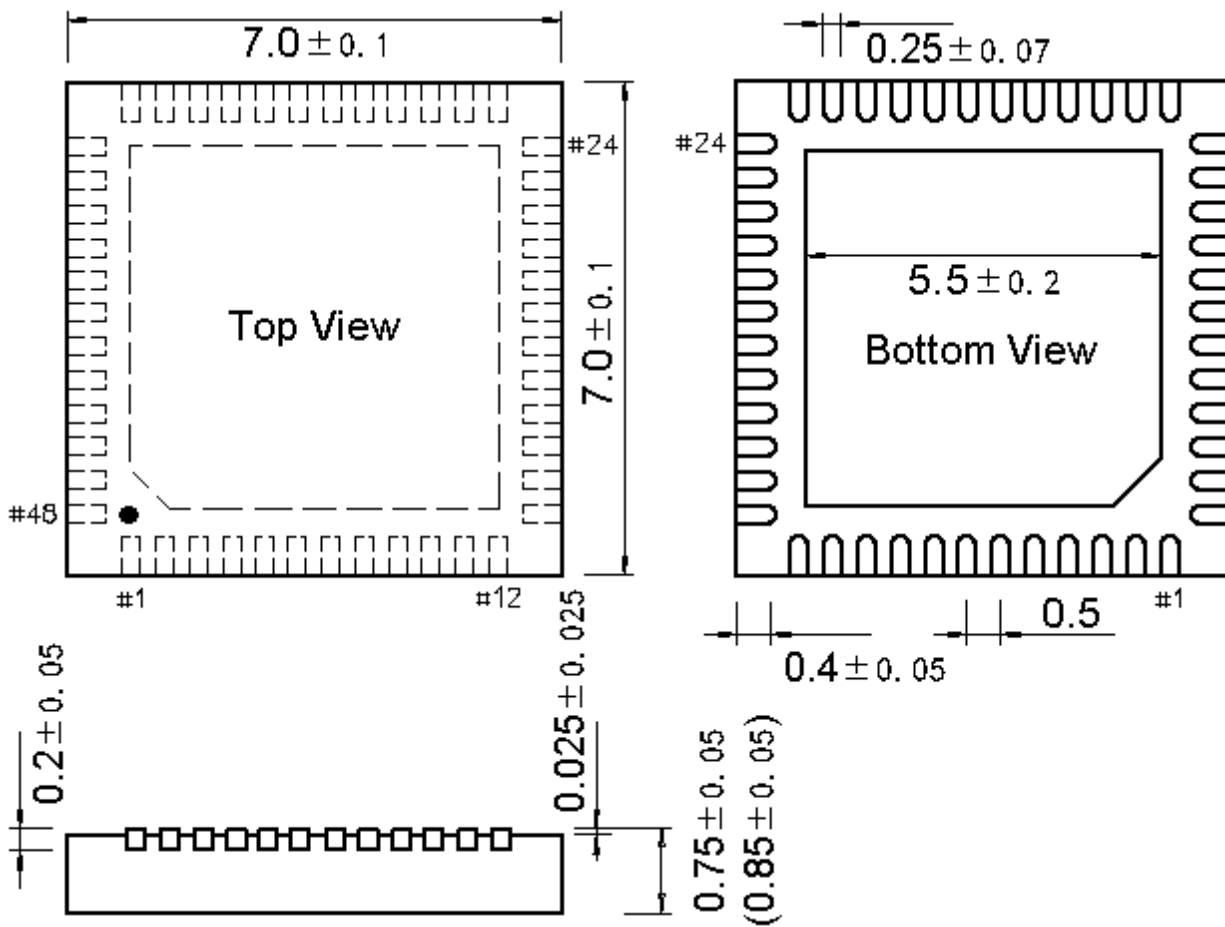
QFN48 (QFN48-5\*5\*0.55-0.35)



QFN48X6 (QFN48-6\*6)

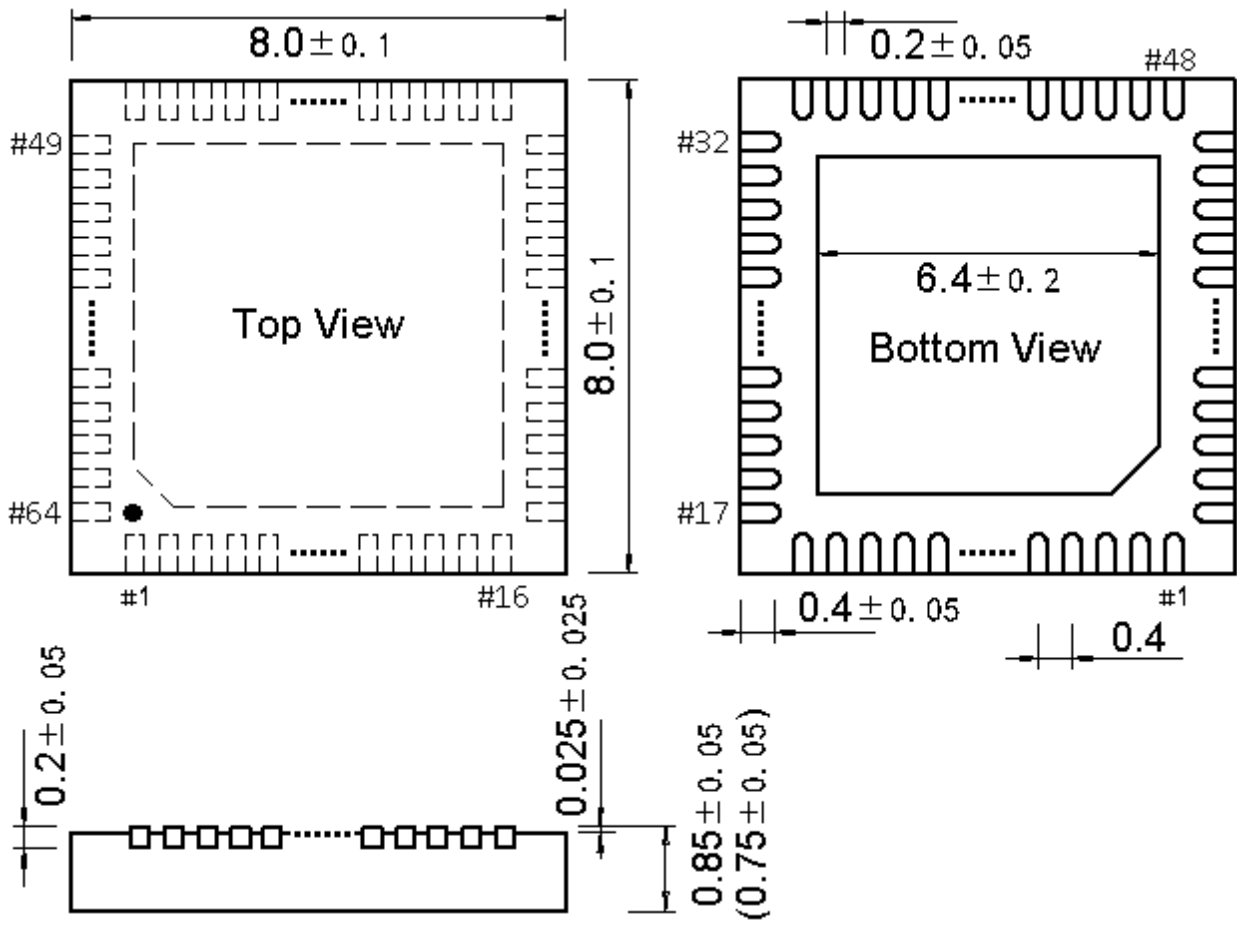


QFN48X7 (QFN48-7\*7)

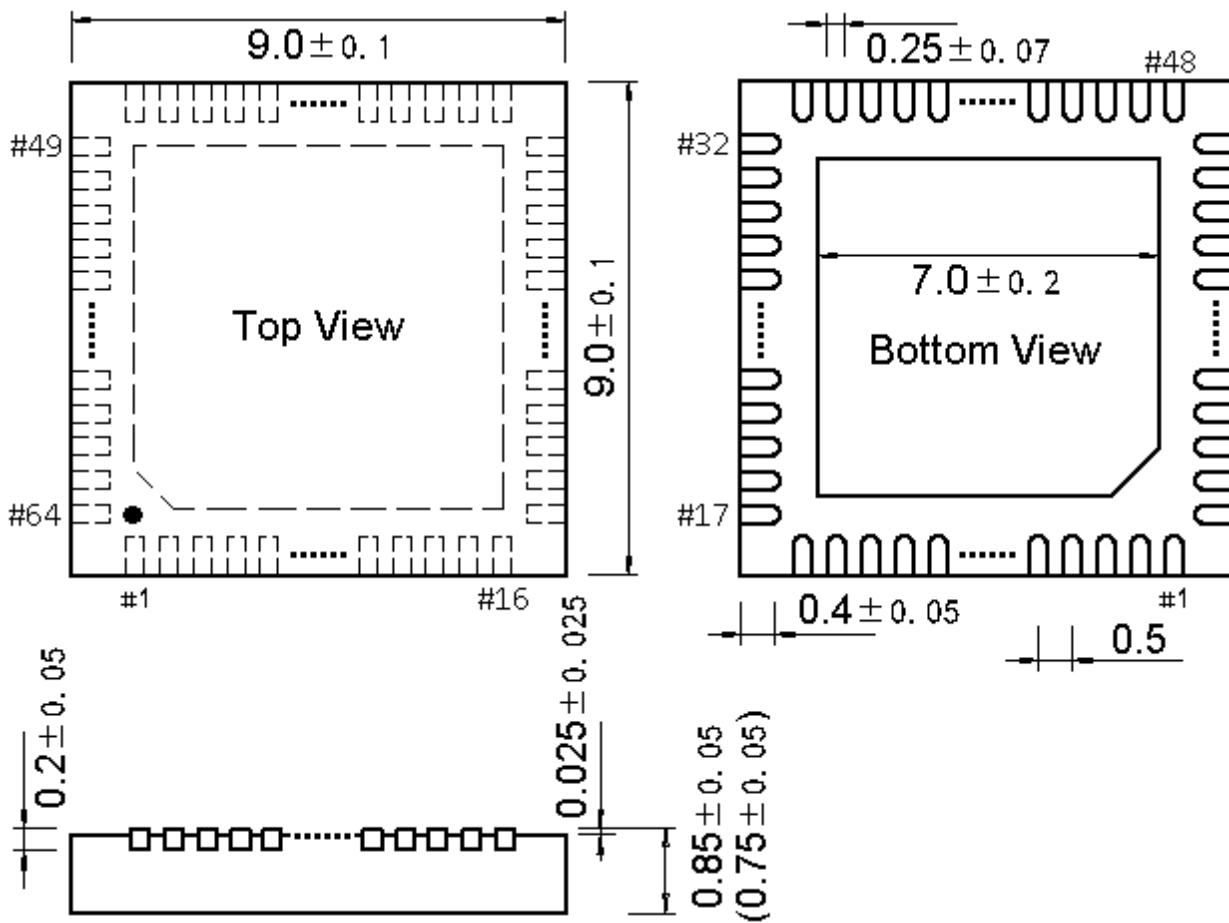




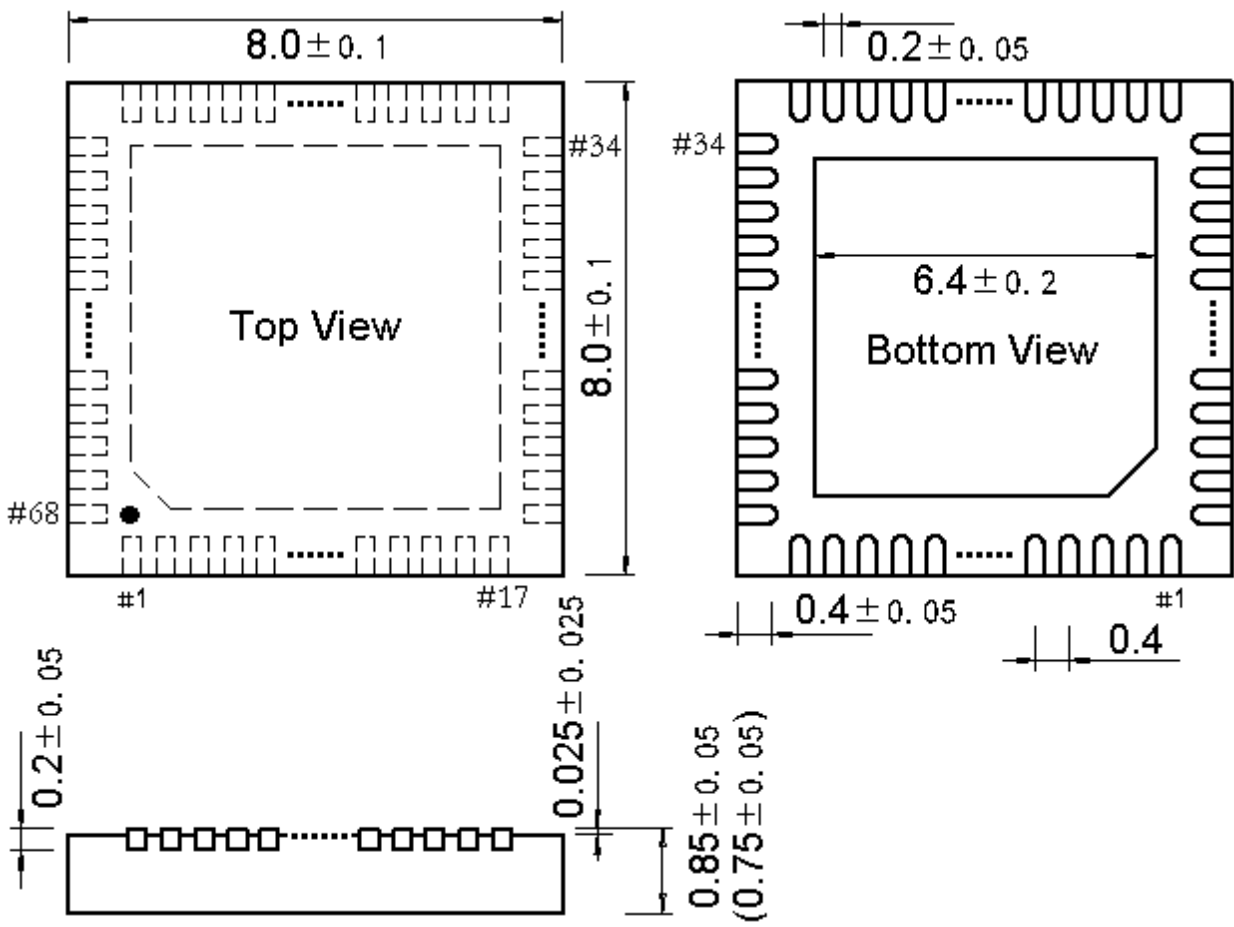
QFN64 (QFN64-8\*8)



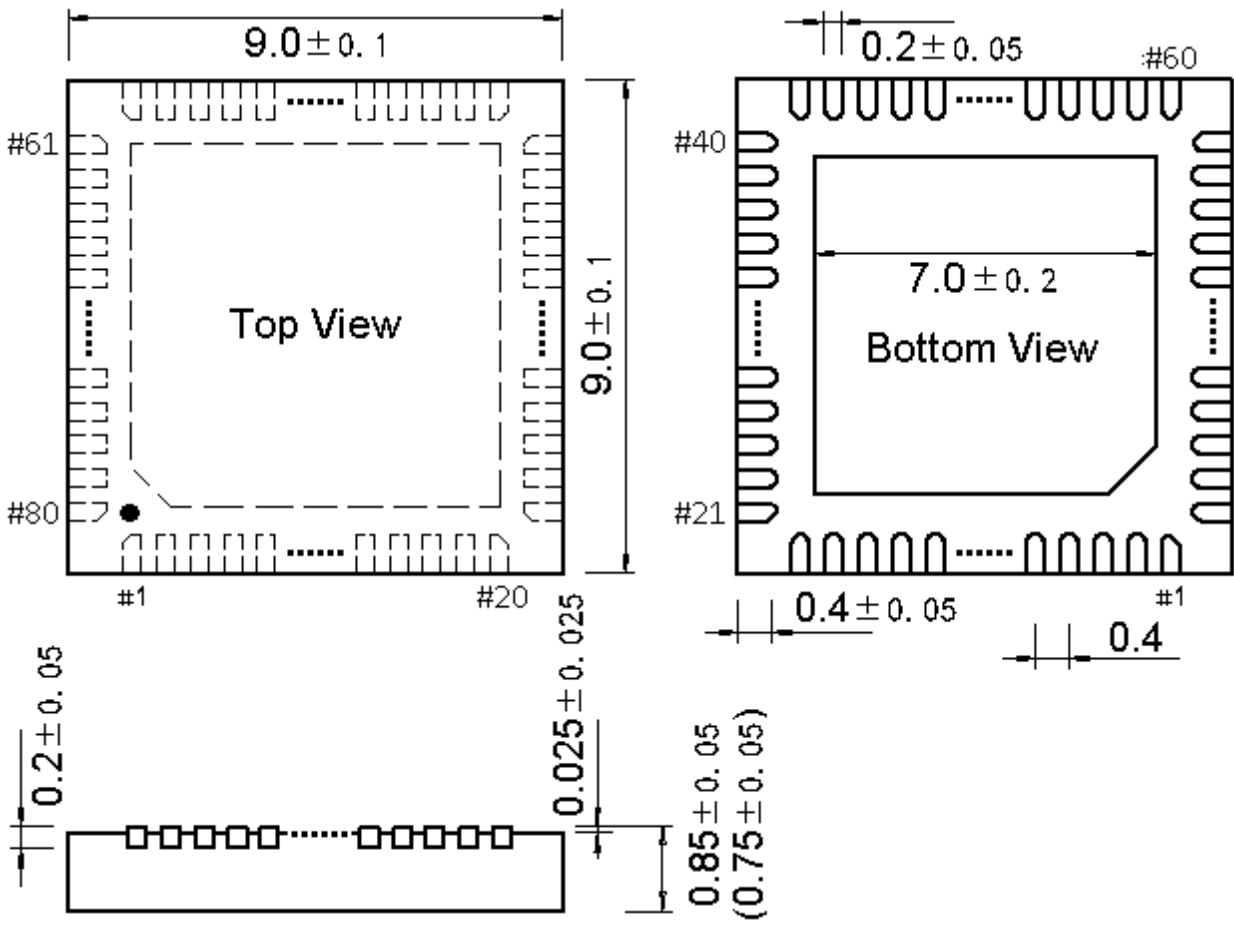
QFN64X9 (QFN64-9\*9)



QFN68 (QFN68-8\*8)

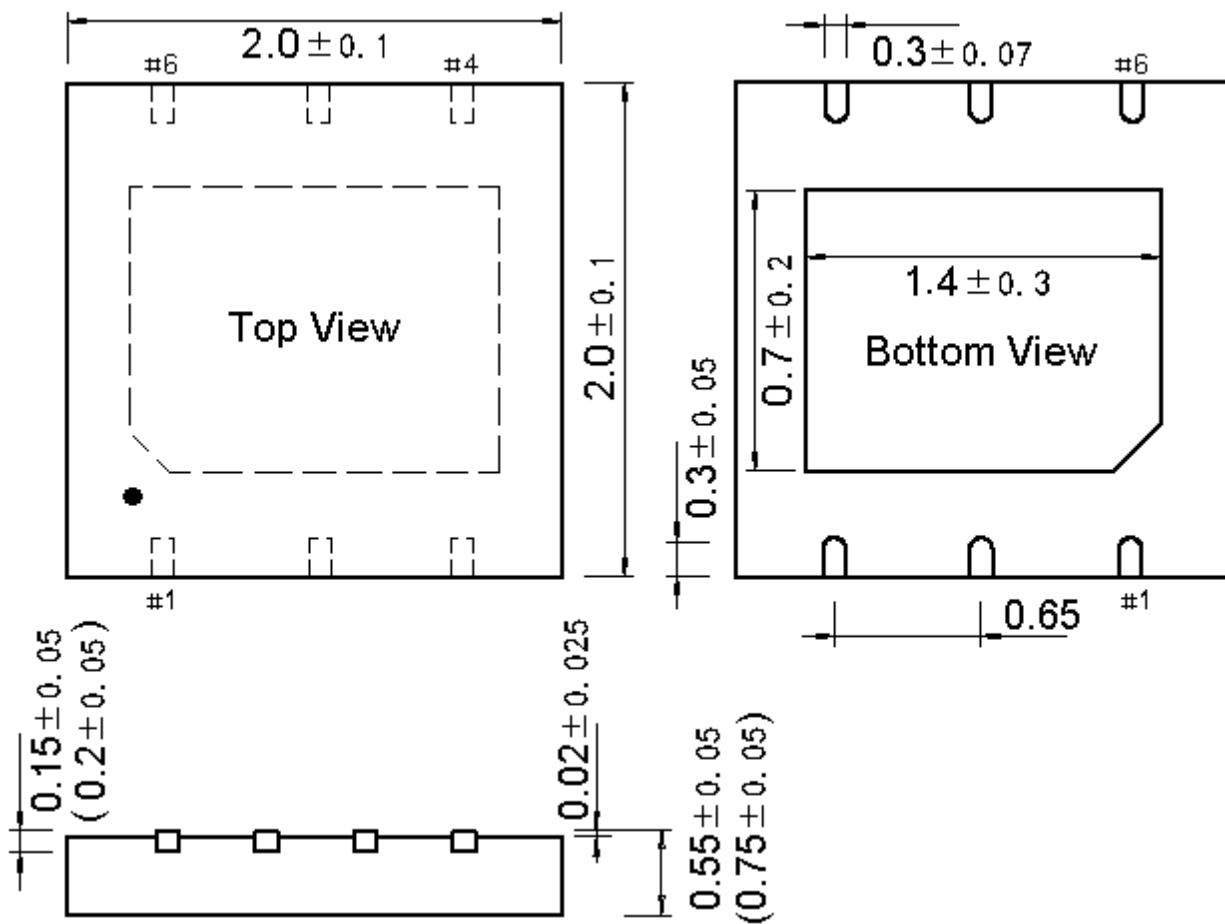


QFN80 (QFN80-9\*9)

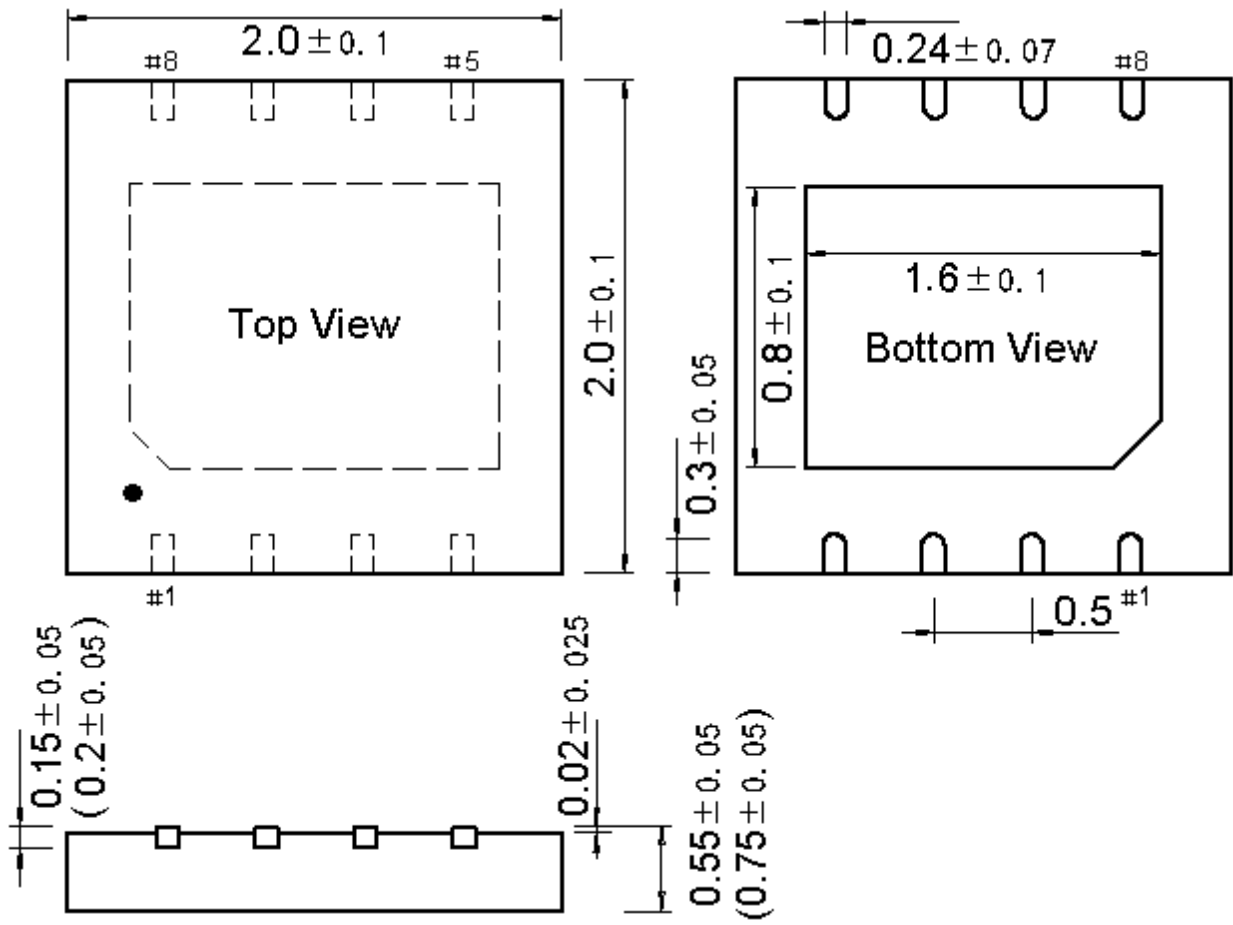


DFN 类

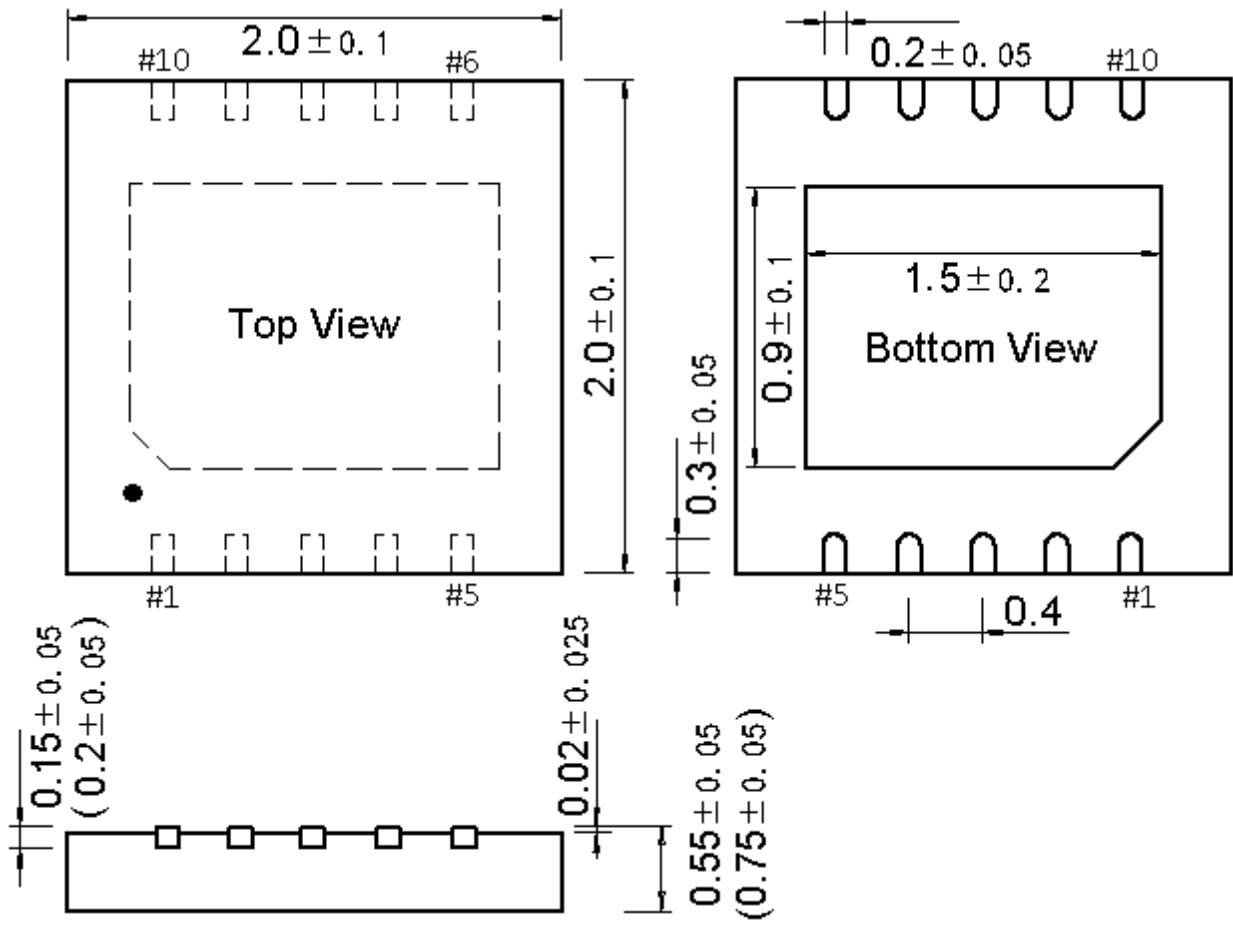
DFN6 (DFN6-2\*2)



DFN8 (DFN8-2\*2)

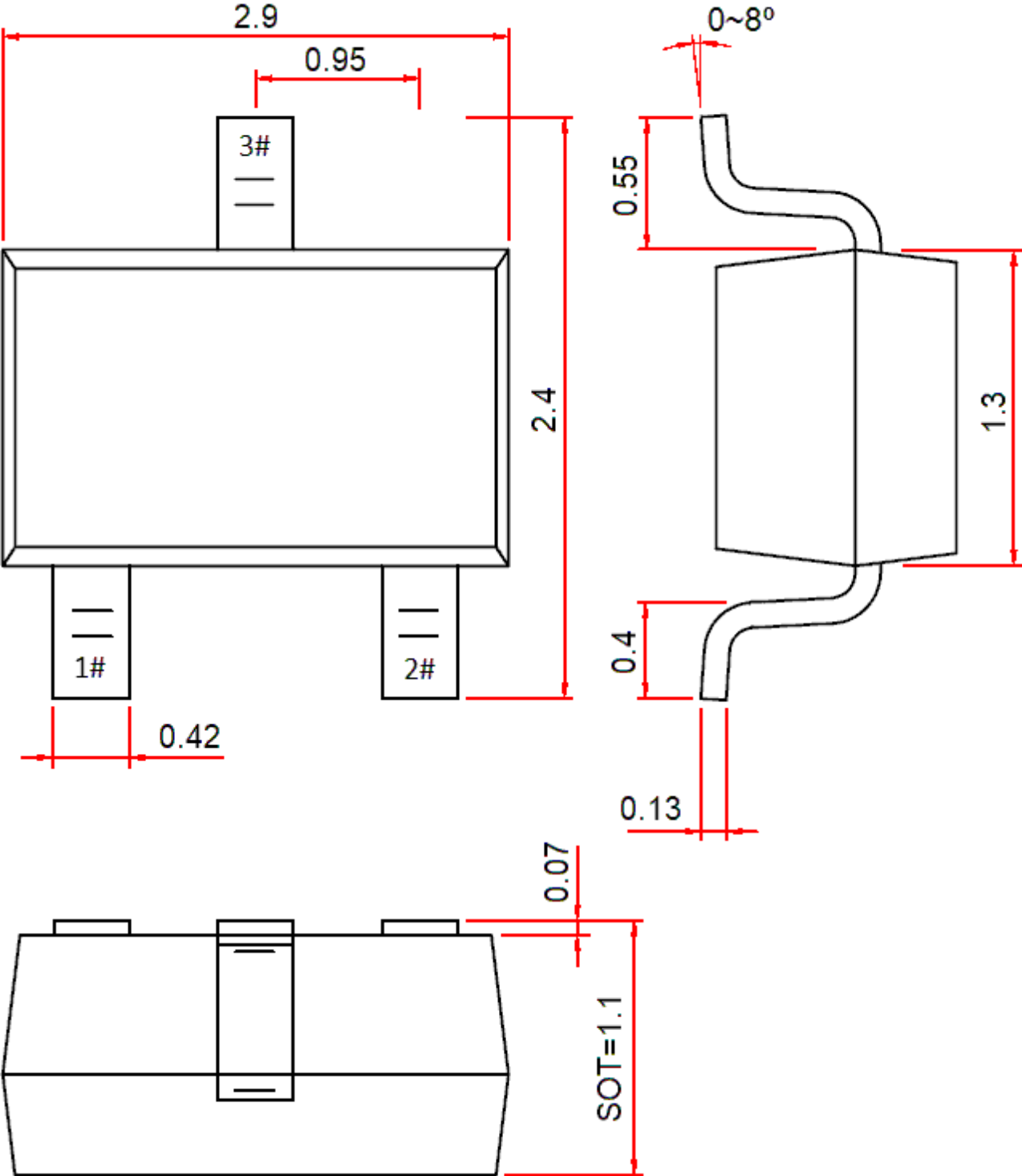


DFN10 (DFN10-2\*2)



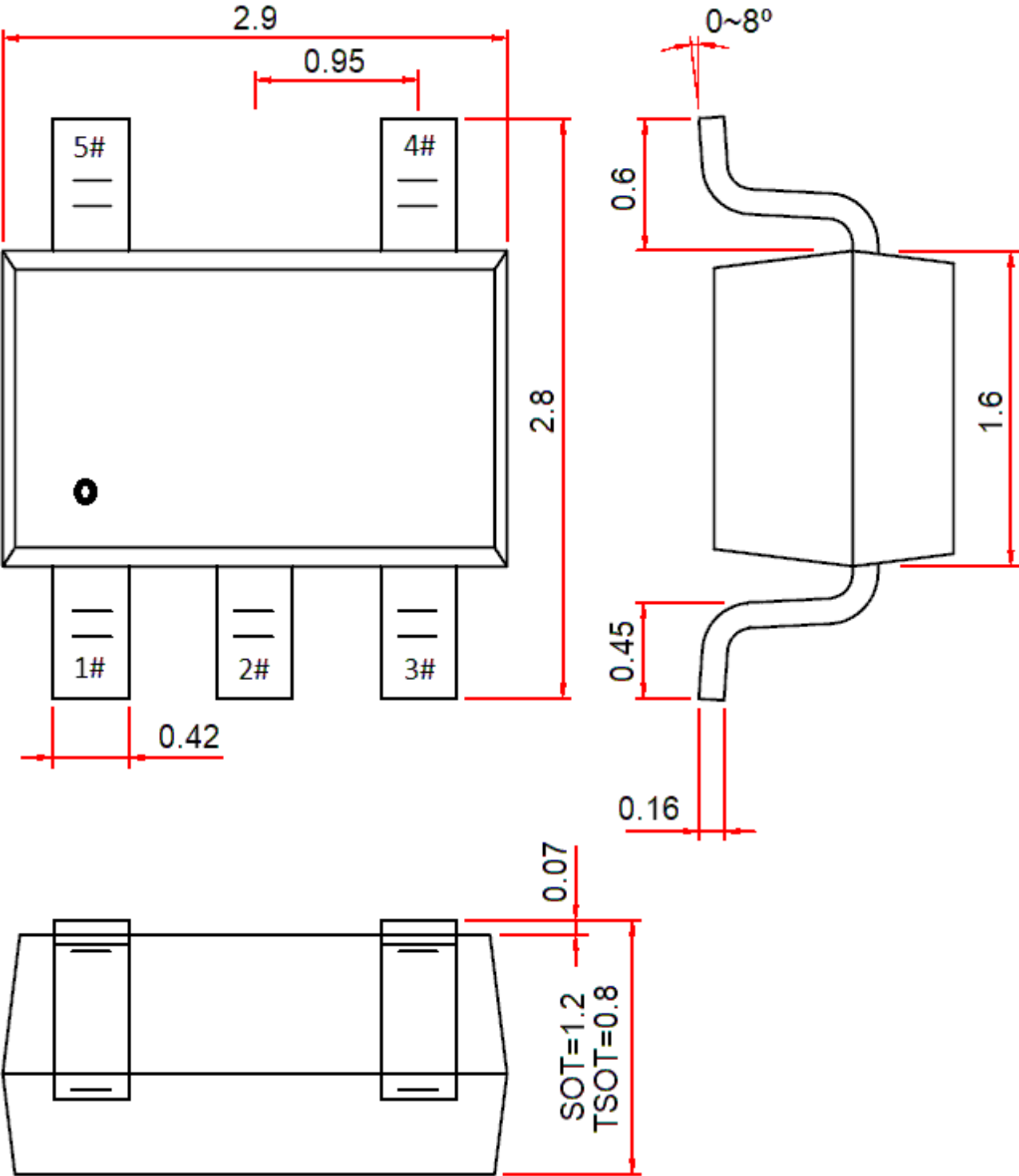
SOT 类

SOT23

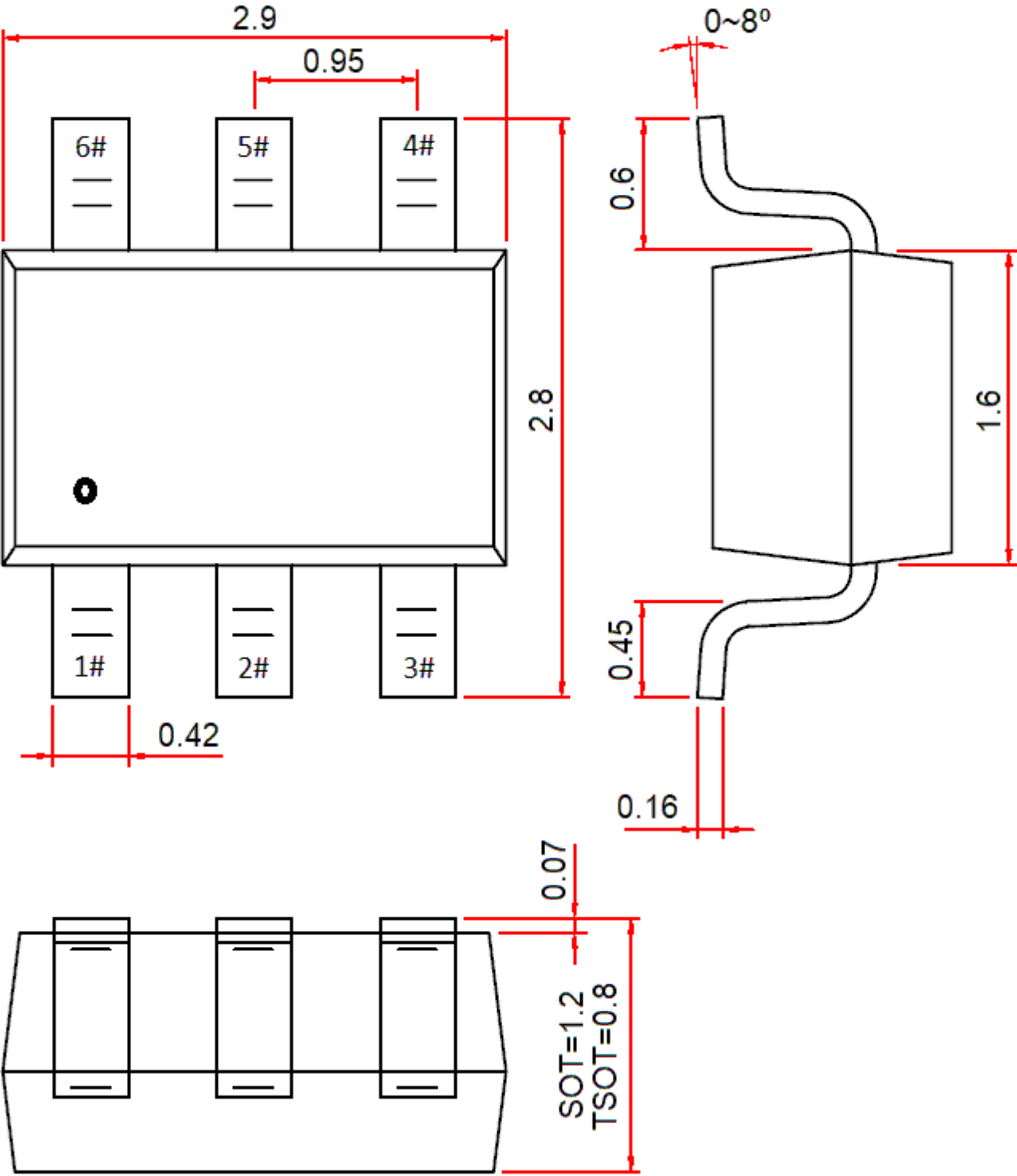




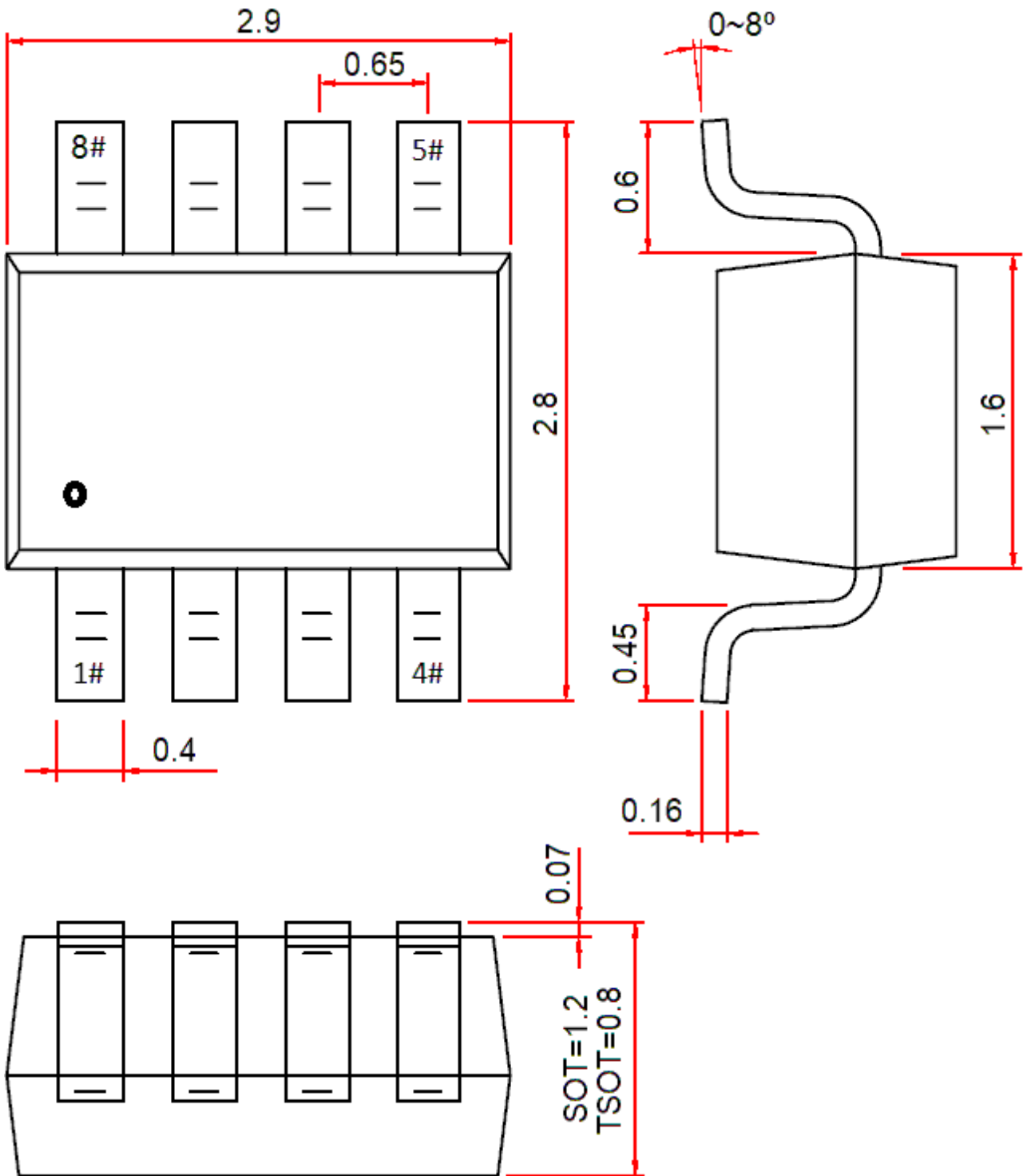
SOT23-5、TSOT23-5L



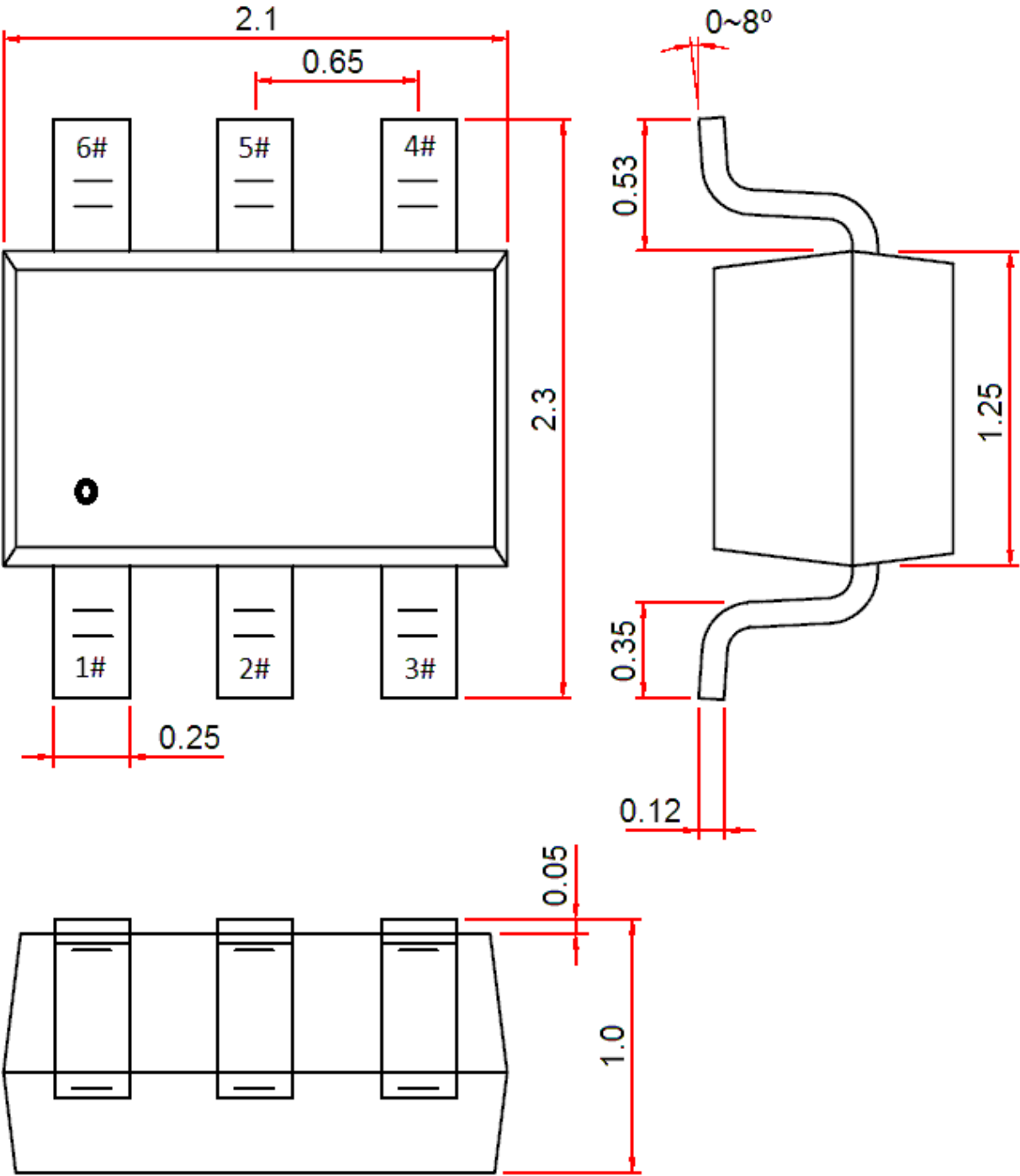
SOT23-6、TSOT23-6L



SOT23-8、TSOT23-8L



SOT363 (SC70-6L)



SOT353 (SC70-5L)

