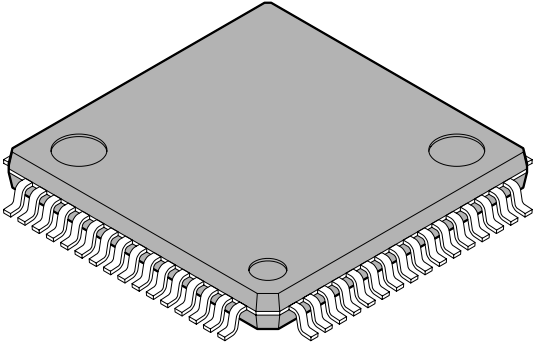
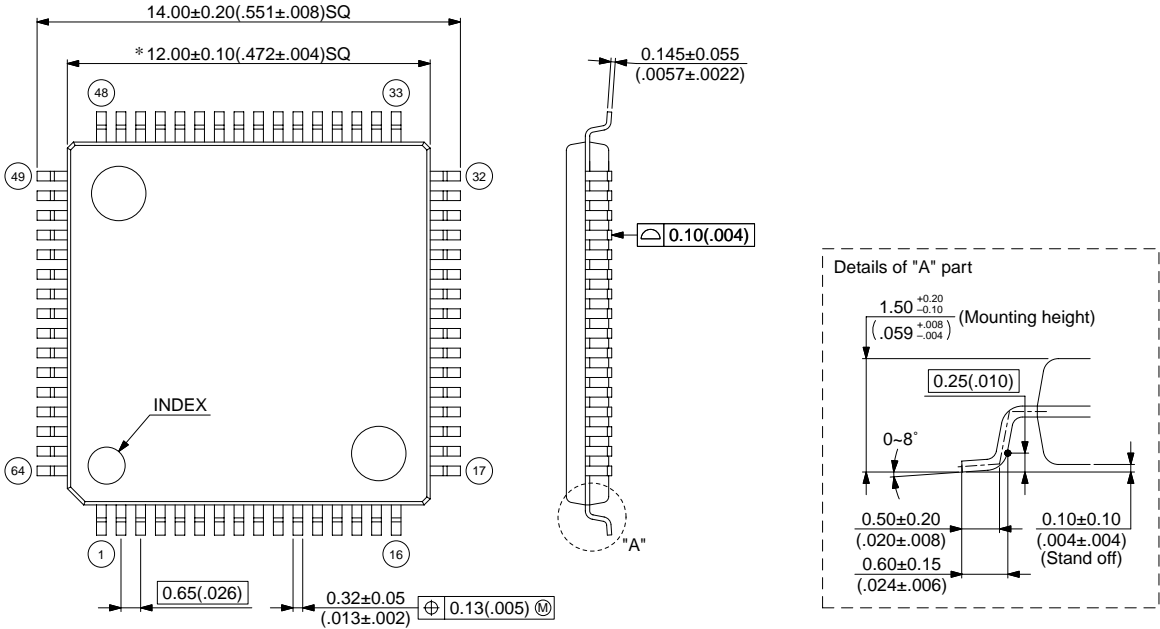


FPT-64P-M09

<p>64-pin plastic LQFP</p>  <p>(FPT-64P-M09)</p>	Lead pitch	0.65 mm
	Package width × package length	12 × 12 mm
	Lead shape	Gullwing
	Sealing method	Plastic mold
	Mounting height	1.70 mm MAX
	Code (Reference)	P-LQFP64-12×12-0.65

64-pin plastic LQFP (FPT-64P-M09)

Note 1) \* : These dimensions do not include resin protrusion.  
 Note 2) Pins width and pins thickness include plating thickness.  
 Note 3) Pins width do not include tie bar cutting remainder.



Top view dimensions:  
 Overall width:  $14.00 \pm 0.20$  ( $.551 \pm .008$ ) SQ  
 Pin pitch:  $* 12.00 \pm 0.10$  ( $.472 \pm .004$ ) SQ  
 Pin pitch:  $0.65$  ( $.026$ )  
 Pin width:  $0.32 \pm 0.05$  ( $.013 \pm .002$ )  
 Pin thickness:  $\varnothing 0.13$  ( $.005$ ) @

Side view dimensions:  
 Lead height:  $0.145 \pm 0.055$  ( $.0057 \pm .0022$ )  
 Lead thickness:  $0.10$  ( $.004$ )

Details of "A" part:  
 Mounting height:  $1.50^{+0.20}_{-0.10}$  ( $.059^{+.008}_{-.004}$ )  
 Lead thickness:  $0.25$  ( $.010$ )  
 Lead angle: 0-8°  
 Stand off:  $0.10 \pm 0.10$  ( $.004 \pm .004$ )  
 Lead width:  $0.50 \pm 0.20$  ( $.020 \pm .008$ )  
 Lead thickness:  $0.60 \pm 0.15$  ( $.024 \pm .006$ )

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Dimensions in mm (inches).  
 Note: The values in parentheses are reference values.

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