

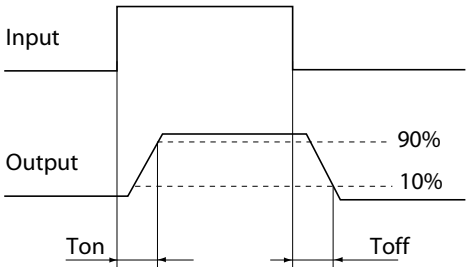
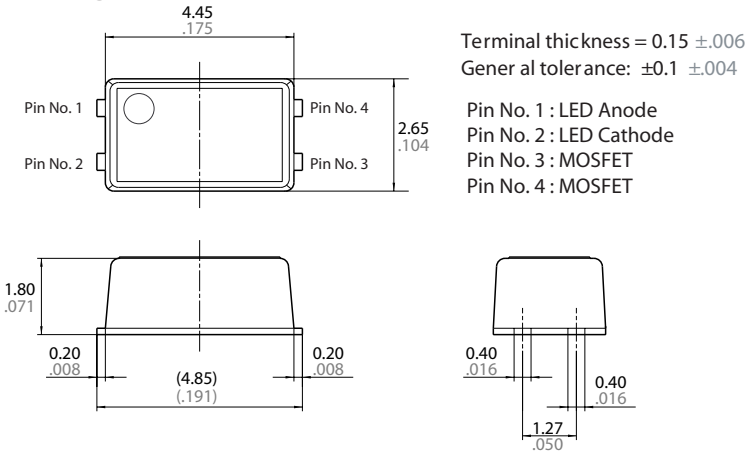
Electrical Characteristics (Ta=25 ° C 77°F)

Item		Symbol	Minimum	Typical	Maximum	Condition
Input	LED Operate Current	I _{Fon}		1.0 mA	3.0mA	I _L = 80 mA
	LED Turn Off Current	I _{Foff}	0.20 mA	0.90 mA		I _L = 80 mA
	LED Forward Voltage	V _F		1.14V	1.50 V	I _F = 5mA
Output	On Resistance	R _{on}		5.5 Ω	7.5 Ω	I _F = 5mA I _L = 80 mA Within 1 s on time
	Output Capacitance	C _{out}		1.0 pF	1.5 pF	I _F = 0 V _B = 0 V f = 1 MHz
	Off state Leakage Current	I _{Leak}		0.01 nA	10 nA	I _F = 0 V _L = Max.
Transfer Characteristics	Turn On Time	T _{on}		0.02 msec	0.5 msec	I _F = 5mA V _L = 10V R _L = 125 W
	Turn Off Time	T _{off}		0.02 msec	0.2 msec	I _F = 5mA V _L = 10V R _L = 125 W
	I/O Capacitance	C _{iso}		0.8 pF	1.5pF	f = 1MHz V _B = 0
	Initial I/O Isolation Resistance	R _{iso}	1,000 M Ω			500V DC

Note: Recommended LED forward Current IF=5mA.

*Turn On / Off Time

Package Dimmensions [mm inch]

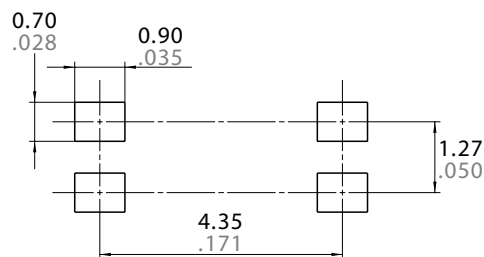


Wiring Diagram

Schematic	Output Form	Load	Wiring diagram
	1a	AC/DC	

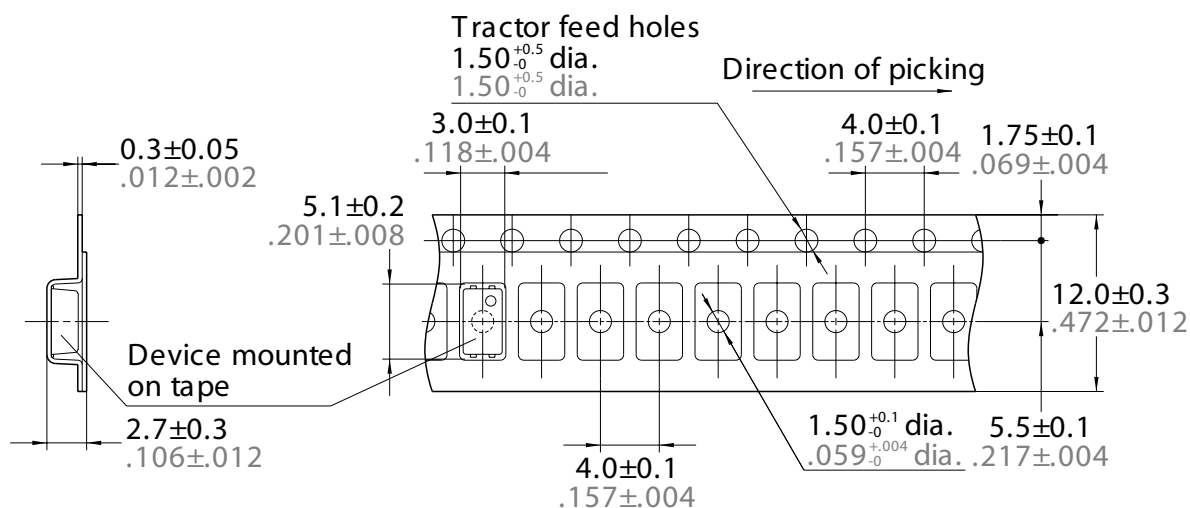
Mounting Pad [mm inch]

Recommended Mounting Pad (TOP VIEW)



Tolerance: $\pm 0.1 \pm .004$

Tape & Reel Dimensions [mm inch]



AQY221N3VY, AQY221N3V1Y : Picked from No.1 pin and No.4 pin side.

