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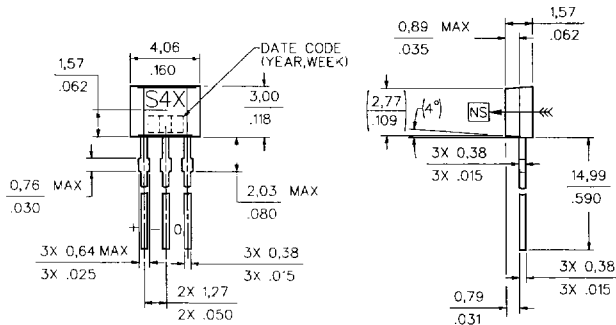
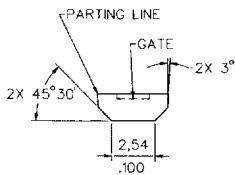
Jameco Part Number 1915835

Solid State Sensors
Digital Bipolar Position Sensors

SS40



MOUNTING DIMENSIONS (For reference only)



FEATURES

- Small size (.160" x .118")
- Reverse power polarity protection
- Current sinking output
- Sensitive magnetic characteristics
- Operating speed from 0 to over 100 kHz
- Operating temperature range: -55° to 150°C

SS40 ORDER GUIDE

Catalog Listings			SS41	
Supply Voltage (VDC)			4.5 to 24	
Supply Current (mA)			4 typ. 8.7 max.	
Output Type			Sink (20 mA max.)	
Output Voltage (V)			0.15 typ. 0.40 max.	
Output Leakage Current (Released)			10 µA Leakage into sensor	
Output Switching Time		Rise (10% to 90%)	0.2 µs typ. 1.5 µs max.	
		Fall (90% to 10%)	0.5 µs typ. 1.0 µs max.	
Magnetic Type			Bipolar	
Magnetic Char. & Temp.*			G	mT
0 to 85°C	Max. Op.		150	15.0
	Min. Rel.		-150	-15.0
	Min. Dif.		50	5.0
-40 to 125°C	Max. Op.		200	20.0
	Min. Rel.		-200	-20.0
	Min. Dif.		40	4.0
25°C Typ.	Typ. Op.		40	4.0
	Typ. Rel.		- 40	- 4.0
	Typ. Dif.		80	8.0
-55 to 150°C	Max. Op.		250	25.0
	Min. Rel.		-250	-25.0
	Min. Dif.		30	3.0

*G = Gauss
mT = milliTesla.