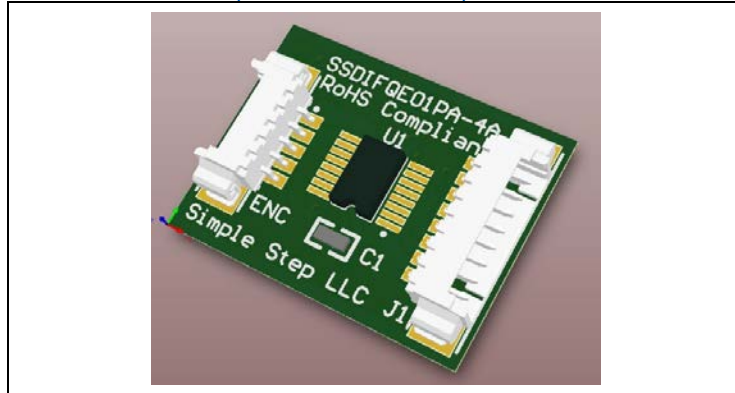
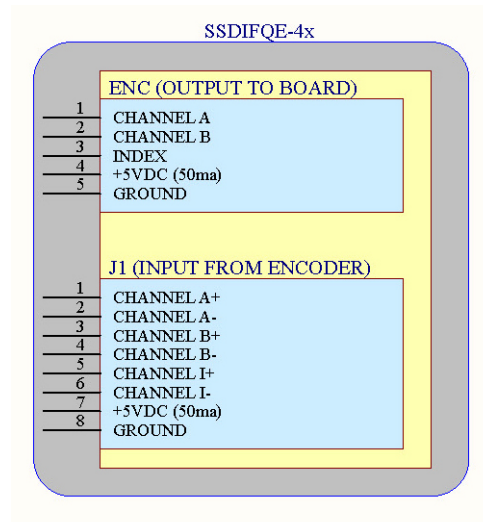


# Quadrature Encoder Differential to Single Ended Converter Module (SSDIFQE-4x)



## Specifications

	Minimum	Maximum
RoHS Compliant	Yes	
Compatible Simple Step Boards	All Simple Step -4x boards	
Ambient Temperature Range		
Operating:	0 degrees C (32 degrees F)	+70 degrees C (158 degrees F)
Storage:	-40 degrees C (-40 degrees F)	+125 degrees C (257 degrees F)
Encoder Conversion Speed:	20M samples per second	
PCB Flammability Rating:	UL 94V-0	



Converter power is supplied by the power to the encoder. Current draw is only 100uA.

Connector Name	Connector Type	Mating Connector P/N
ENC	Molex PicoBlade	51021-0500
J1	Molex PicoBlade	51021-0800
Contacts	Molex PicoBlade Pins	50079-8000

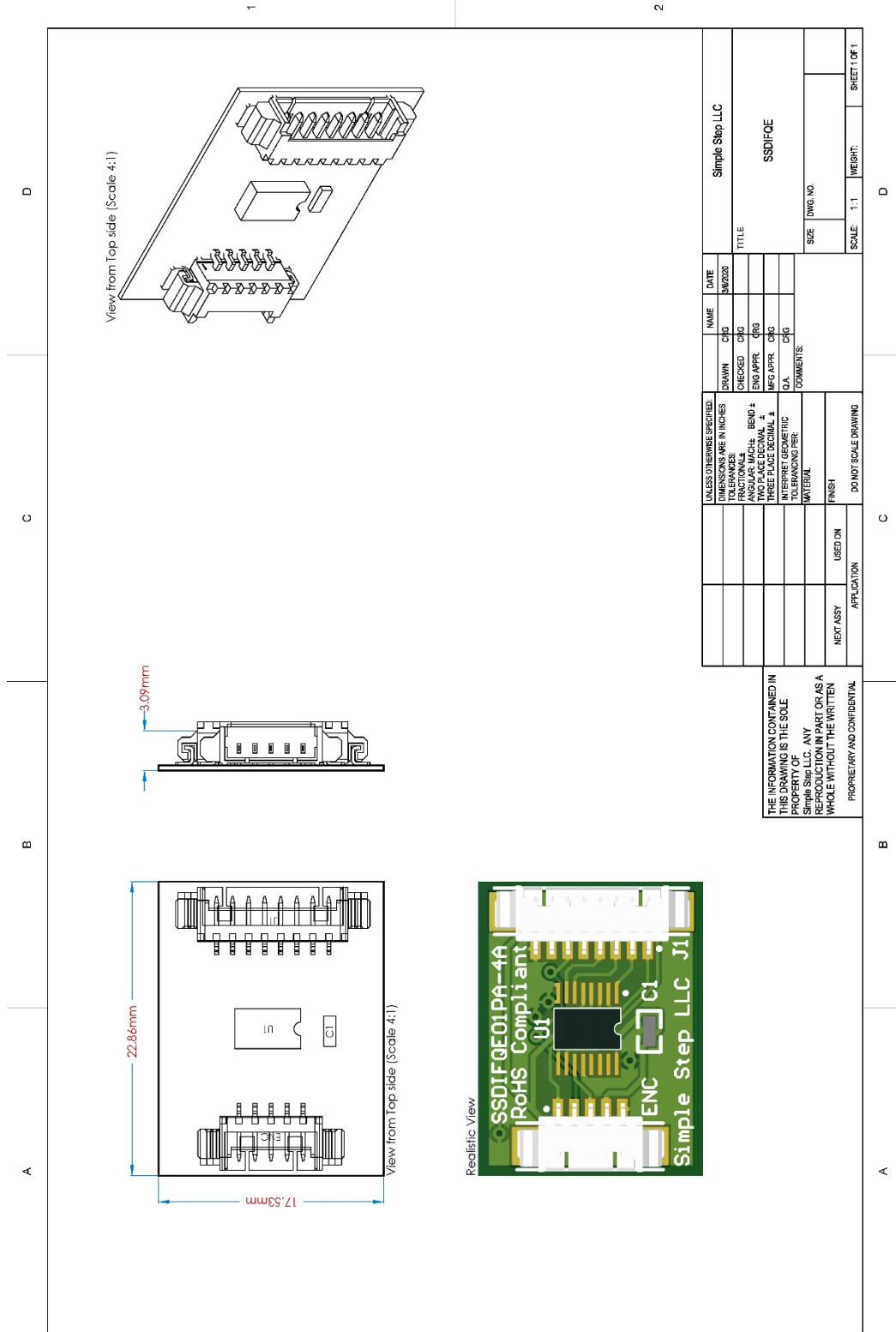


**For more information or to place an order, please go to our website at [www.simplestep.com](http://www.simplestep.com)**

The specifications in this publication are believed to be accurate and reliable. However, it is the responsibility of the product user to determine the suitability of any Simple Step® product for a specific application. While defective products will be replaced without charge if promptly returned, no liability is assumed beyond such replacement. Simple Step® - Motion Control made Simple!®

12 West Owassa Turnpike, Newton, NJ 07860 USA Phone: 973-948-2938 Fax: 973-948-0182

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